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THE BURIAL SHAFT OF THE TOMB OF
AMENEMHĀT

BY ROBERT MOND, M.A., AND WALTER B. EMERY



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WITH FRONTISPIECE AND PLATES XXXI-LXXXI

The Coptic Church. Pls. LXXXI, XXXI.

Towards the close of our season of 1926 we commenced the clearance of the area in front of the tomb of Amenemhât, First Prophet of Amon, under Amenhotep II (?). This tomb was numbered in the Gardiner-Weigall Catalogue as 97 and is situated just below the tomb of Minnekht. It was published by Gardiner,¹ but the court had never been properly examined. The first results of these excavations was the discovery of the remains of a Coptic Church which had been built partly over the court of Amenemhât's tomb.

The walls of this construction, which are made of mud brick, are 0.98 m. thick and stand about 0.45 m. high. The total length of the building is 13.95 m.

The Nave originally consisted of six sandstone columns, but only three, on the north-west side, were found *in situ*. Portions of the Nave were paved with flat Roman burnt bricks. The Vestry situated in the north-east corner of the building contained a 'mastaba' of mud brick built against the north wall. A door in the south wall led into the Sanctuary.

The Sanctuary opened on to the Nave, facing west. On the sandstone step in front of it we found the socket for a gate or screen. The floor was covered with a layer of plaster 0.05 m. thick.

In the debris behind the Vestry we found the bowl of a font carved in limestone (Pl. XXXII a). The well is cut in the form of a Maltese

1. Gardiner, 'The Tomb of Amenemhât, High Priest of Amon,' *A.Z.*, vol. XLVII, 87, 89.



TAT-AMULET IN FAYENCE FROM THE TOMB OF AMEN-EM-HAT.

SHEIKH ABD-EL-GURNAH. No. 97.

cross surrounded by a floral wreath. The only other objects of interest found in this area were the partly plundered mummy of the Ptolemaic period and the body of an infant buried under a wall.

Carrying our excavations to the west of the Coptic Church we uncovered a further building of mud brick, probably the habitation of the ministering priest.

Clearing the debris below the north end of this building revealed the mouth of the burial shaft of Amenemhât. The clean condition of the debris in the mouth of the shaft led us to believe it had not been entered at any date anterior to the building of the Coptic Church. We therefore closed down any further excavations of the surrounding area and devoted our entire attention to the shaft. Pls. XXXII, XXXIII, XXXIV.

The Burial Shaft.

The shaft, the mouth of which measures 1.00 m. by 2.00 m., proved to be very much deeper than we had at first expected, and it was not long before we found it necessary to erect a joist and pulley to bring the baskets of debris to the surface. After clearing the shaft to a depth of 13.30 m. we uncovered an intact coffin lying face upwards with its head to the north. It was surrounded by fragments of broken coffins, and it was obvious at a glance that we had been forestalled, and that the burial had been plundered in ancient times. The removal of this coffin and broken timber disclosed to us the entrance to the burial chambers facing north. A preliminary survey proved the existence of three separate chambers packed with coffins, boxes, and pottery, in a state of great disorder. Amongst the debris cleared from the entrance we found numerous fragments of papyri. The gathering of these fragments, piece by piece, kept us fully occupied for over a week, but the fact that some of the fragments bore the name of Amenemhât amply rewarded us for our efforts.

This papyrus proved, on examination, to be an XVIIIth Dynasty copy of the Book of the Dead, but its condition was so fragmentary, that very little can be made out of it.

The walls of all three chambers were blackened with smoke, and we realised to our great disappointment that the original burial of Amenemhât had been plundered and burnt out. All the coffins with one exception were later burials of the Saitic period. Many of the coffins had been

opened by the plunderers and the mummies thrown on the floor of the chamber. Our first care was to remove the Canopic jars and pottery from the first chamber. These were followed by the boxes, and finally the coffins were brought to the surface.

We were then able to turn our attention to the debris, which lay about 0.33 m. deep on the floor of the chamber. This debris mainly consisted of limestone chippings and ashes, from which we were able to recover a number of relics of Amenemhât's burial. On the completion of this work we turned our attention to the walls in the hope of finding some of the usual deposits. The east, south and west niches had been plundered, though in the latter we found fragments of the clay tablet on which the amulet had rested. The niche on the north wall was intact and still covered with its original plaster. The removal of the plaster disclosed to view a beautiful 'Tet' amulet of blue faience with a top of gold foil, lying against the back of the niche with its base resting on the usual clay tablet (Fig. 1). The amulet and base are now in the Cairo Museum. (Frontispiece.)

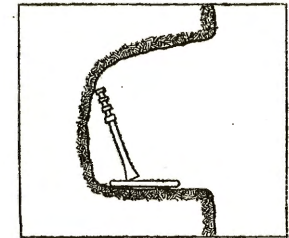


Fig. 1.

After the clearance of the first chamber we turned our attention to the second and found an even greater state of confusion. The floor of the chamber had been cut at a slightly higher level than that of chamber I, and this made the height, from floor to ceiling, less than 1.00 m. Our work in removing the heavy coffins was therefore carried on under great difficulties.

Numerous fragments of pottery Canopic jars had to be removed before we were able to lift any of the coffins which lay against the sides of the chamber. Beyond a bundle of reed sticks, which lay in the middle of the chamber, no objects of interest were found.

Chamber III was much larger than its predecessors, and its only contents were five intact coffins and numerous fragments of broken coffins. Fortunately the mummies from these had been left intact.

The walls and ceiling bore little trace of the fire, and perhaps this explains the preservation of the XVIIIth Dynasty coffin, No. 62.

All the objects of these burial chambers were catalogued *in situ*, and as the season was drawing to a close they were stored in our magazine to await examination in the following year.

The following is a list of the miscellaneous objects found in the burial chambers and belonging definitely to the XVIIIth Dynasty:—

Cat. No. 47. Top of a wooden whip handle, with fragment of hide attached. From chamber I. Size 0.15 m. long. Pl. XXXV b.

Cat. No. 35. Head of a ceremonial staff (?) of wood. Traces of burning. From chamber II. Diameter 0.06 m. Fig. 2.

Cat. No. 36. Wooden ointment bowl. The design is conventional with the usual four lotus flowers forming the handles. From chamber I. Size 0.14 m. Fig. 3. Pl. XXXV a.

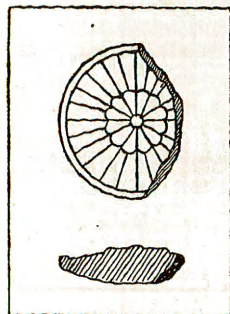


Fig. 2.

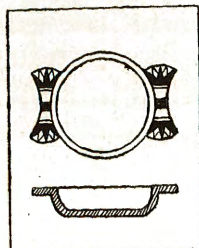


Fig. 3.



Fig. 4.

Cat. No. 114. Red faience finger ring. Utchat bezel. Found in chamber I. Diameter 0.02 m.

Cat. No. 113. Blue faience finger ring. The bezel bears traces of an inscription, but this is quite illegible. From chamber I. Diameter 0.02 m.

Cat. No. 112. Red faience finger ring. Utchat bezel. Found in chamber I. Diameter 0.02 m.

Cat. No. 111. Blue faience finger ring. Utchat bezel. Found in chamber I. Diameter 0.02 m.

Cat. No. 110. Blue faience finger ring, bearing the name Tcheser-kheperu-re-setep-n-re (Horemheb). Fig. 4. From the bottom of the shaft. Diameter 0.02 m.

Cat. No. 4. Wooden dummy vase, covered with a thin film of bitumen. From chamber I. Size 0.16 m. high, 0.09 m. diameter. Pl. XXXVI b.

Cat. No. 25. Wooden dummy vase, painted with red lines. From chamber II. Size 0.22 m. high, 0.15 m. diameter. Pl. XXXVI b.

Cat. No. 99. Blue faience Tet amulet. The upper portion is covered with gold foil. Found in the niche at the north end of chamber I. It rested on the clay tablet. (Cat. No. 19.) Size 0.11 m. Pl. XXXVII a.

Cat. No. 20. Clay tablet taken from the niche of the east wall. Six columns of text, painted in yellow. Broken in the left top corner. Size 0.08 m. square, 0.01 m. thick. Pl. XXXVII b.

Cat. No. 19. Clay tablet on which stood the amulet (Cat. No. 99). Six columns of text painted in yellow. On the back is a figure of the Tet. Size 0.09 m. long, 0.08 m. wide, 0.01 m. thick. Pl. XXXVII b.

Cat. No. 105, 106. Burnt clay funerary cones of Amenemhât. From chamber I.

Cat. No. 21. Wooden fragment of a coffin mask. Size 0.16 m. long. From chamber II.

Cat. No. 41. Scarab of faience, blackened by fire. From chamber I. 0.03 m. long. Fig. 5.

Cat. No. 30. Mummiform female figure of limestone. Painted. The figure is represented wearing the heavy wig of the XVIIIth Dynasty. No



Fig. 5. Scale 1:1.

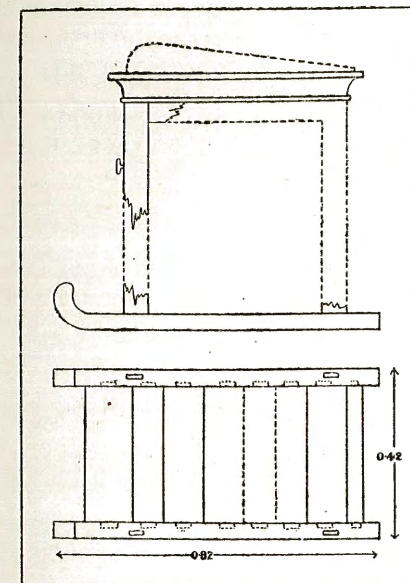


Fig. 6.

trace of inscription. Lines have been left for the text but this has not been inserted. The arms are crossed below the breasts. From chamber I. 0.21 m. high. Pl. XXXVI a.

Cat. No. 241. Fragment of a casket on sleds. From chamber I. Size 0.82 m. by 0.42 m. Fig. 6.

Pottery.

Cat. No. 26. Flask carved in alabaster. From chamber I. Size 0.08 m. high, 0.07 m. diameter. Pl. XXXVIII a.

Cat. No. 37. Vase of black basalt. From chamber I. Size 0.16 m. high, 0.12 m. diameter. Pl. XXXVIII b.

Cat. No. 14. Clay vase, cream slip, painted lines in black. Flat base, wide neck with roll rim mouth. Handle joining neck to body. From chamber I. Size 0.16 m. high, 0.11 m. diameter. Pl. XXXIX a.

Cat. No. 119. Clay vase, cream slip, painted pattern in red and black. Flat base, wide neck and roll rim mouth. Handle joining neck to body. From chamber II. Size 0.22 m. high, 0.15 m. diameter. Pl. XXXIX b.

Cat. No. 77. Clay vase, grey slip, painted lines in red and black. Flat base, wide neck and roll rim mouth. Handle joining neck to body. From chamber II. Size 0.19 m. high, 0.13 m. diameter. Pl. XXXIX a.

Cat. No. 118. Clay vase, cream slip, painted pattern in red and black. Flat base, wide neck and roll rim mouth. Handle joining neck to body. From chamber II. Size 0.18 m. high, 0.12 m. diameter. Pl. XXXIX b.

Cat. No. 120. Clay vase, grey slip, unpainted. Flat base, wide neck and roll rim mouth. Handle joining neck to base broken. From chamber II. Size 0.23 m. high, 0.14 m. diameter. Pl. XXXIX b.

Objects from the Saitic Burial.

Cat. Nos. 49, 50, 51. Three wooden Canopic jars. Pl. XL a.

The caps: Beardless human head. Face painted yellow. Wig painted black.

The jars: Carved in two separate sections and held together with a thin film of stucco. Hieratic text down centre of each, nearly obliterated. Fig. 7.

Average height of jar with cap, 0.36 m.

Cat. Nos. 100, 102, 103, 104. Four wooden Canopic jars. Pl. XL b.

The caps: Beardless human head. Face painted yellow. Wig painted black.

The jars: Carved in two separate parts, held together by stucco. Painted black, no inscription. From chamber I. Average height of Nos. 102 and 100, 0.33 m. Average height of Nos. 103 and 104, 0.38 m.

Cat. Nos. 234, 235. Two pottery caps from Canopic jars. Yellow

slip. Human headed. Eyes painted in black. From chamber II. 0.14 m. high.

Numerous fragments of pottery Canopic jars were recovered from the debris of chambers I and II, but any attempt at restoration was impossible.

Cat. No. 6. Wooden casket containing organic remains of a greyish colour. Painted black. From chamber I. Size 0.31 m. by 0.31 m. by 0.21 m. Pl. XLI b.

Cat. No. 8. Wooden box containing organic remains. They lay in a bed of grey dust. The box is unpainted. Lid held down by four pegs. From chamber I. Size 0.21 m. by 0.19 m. Pl. XLI a.

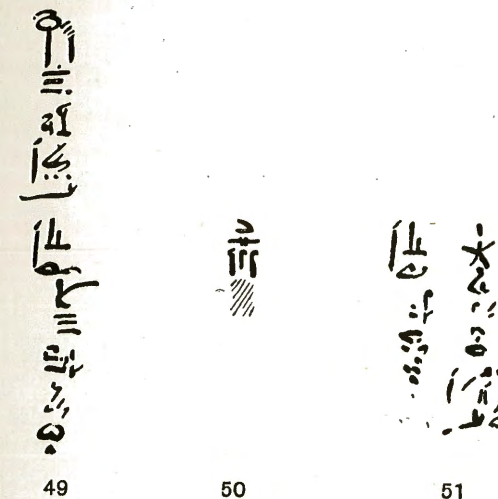


Fig. 7.

Cat No. 41. Wooden box containing organic remains of a greyish colour. The box is unpainted and the lid held down by four pegs. From chamber II. Size 0.23 m. by 0.25 m. by 0.18 m. Pl. XLII a.

Cat. No. 43. Wooden box containing organic remains of a greyish colour. The box is unpainted with the lid held down by four pegs. From chamber II. Size 0.19 m. by 0.19 m. by 0.17 m. Pl. XLII b.

Cat. No. 210. Green faience scarab bearing the name of Thutmose III. From mummy No. 1. 0.02 m. long.

Cat. No. 23. Leather sandal, painted in yellow and white. From chamber I. 0.30 m. long.

Cat. No. 48. Pair of plaited reed sandals. Pointed toes, curved upwards. From chamber II. 0.34 m. long. Pl. XLIII a.

Cat. No. 27. Pair of plaited reed sandals. Rounded toe. From chamber I. 0.34 m. long.

Cat. No. 122. Wooden head-rest (broken). From chamber II. 0.25 m. long.

Cat. No. 14. Wooden head-rest. From chamber I. 0.26 m. long.

Cat. Nos. 33, 34. Two terra-cotta ushabtis. Painted in red, black and white. From chamber I. Size 0.30 m. high.

Cat. No. 117. Clay ushabti. No inscriptions. Traces of paint. From chamber II. Size 0.16 m. high.

Cat. No. 44. Wooden figurine. Male. Painted in black, green, red and white. The figure is depicted wearing a wig, with wide-sleeved shirt, and kilt. From chamber I. Size 0.21 m. high. Pl. XLIII b.

Cat. Nos. 40, 121. Two burnt clay jars, flat base, plain rim. From chamber II. No. 40 is 0.28 m. high and 0.14 m. in diameter. No. 121 is 0.25 m. high and 0.12 m. in diameter. Pl. XLIII c.

Cat. No. 24. Two balls made of alternate strips of red and green leather. Stuffed with straw. From chamber I. Diameter 0.04 m.

The XVIIIth Dynasty Coffin.

No. 62. Pls. XLIV, XLV.

This coffin was the only one found intact in the burial chambers that could be assigned to the first burial. The mask of the coffin had been covered with gold foil but this had been removed by the ancient plunderers. The eyes were made of obsidian and ivory set in a rim of lapis-lazuli. The beard was broken off at the chin and no trace of it could be found. The wig was striped with alternate bands of yellow and black. The collar is of the usual type of imitation beadwork, and is painted in three colours, red, green and yellow, terminated at the shoulders by a hawk head clasp. Scenes depicting the four sons of Horus, etc., are painted in yellow on a black ground.

The whole coffin has been covered with a thick coating of varnish, which is badly blistered by fire on the left-hand side. Part of the woodwork is charred. Length of coffin 1.94 m. From chamber III.

The Mummy. Pls. XLVI, XLVII.

The bandages:—

No. I. Spiral binding from the feet to the head. On the left side of the body the bandages had been rendered brittle by the heat. Bandage 0.18 m. wide.

No. 2. Spiral binding from the feet to the hips. Bandage 0.18 m. wide.

No. 3. Spiral binding from the hips to the head. Bandage 0.18 m. wide.

No. 4. Cross bands at the neck, hips, knees and feet. Bandage 0.06 m. wide.

No. 5. Shroud of fine linen bound twice around the body. Bandage 3.15 m. by 0.90 m.

No. 6. Narrow strip of open muslin placed on the front of the mummy from the neck to the feet. Bandage 1.15 m. by 0.30 m.

No. 7. Narrow strip of linen bound around the head four times. Bandage 0.30 m. wide.

No. 8. Spiral binding around the body from the legs to the hips. Bandage 0.30 m. wide.

No. 9. Spiral binding around the body from the hips to the head. Bandage 0.22 m. wide.

No. 10. Cross bands at neck, breast, hips, knees and feet. Knotted at the back. Bandage 0.15 m. wide.

No. 11. Shroud of fine linen bound around the body twice. Bandage 3.05 m. by 0.80 m.

No. 12. Two pads placed against the thighs of the mummy. When unrolled these proved to be two shirts of fine linen. Both shirts measured 1.25 m. by 0.95 m. They were made from one piece of linen stitched together at the side, with holes for the arms. A circular hole was made at the neck with an open slit at the front. Two cords were attached for fastening. One of the garments bore a fringe at the bottom 0.09 m. deep. Experiments have proved that these garments, when starched and pleated, form the conventional exterior male dress of the period (Fig. 8).

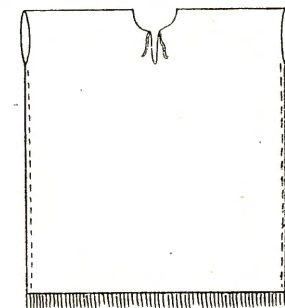


Fig. 8.

No. 13. Spiral binding from feet to head. Bandage 0.15 m. wide.

No. 14. Narrow binding round head four times. Bandage 0.032 m. wide.

No. 15. Cross bands at feet, knees, hips and neck. Bandage 0.05 m. wide.

No. 16. Shroud of fine linen bound around body three times. Bandage 4.15 m. by 0.85 m.

No. 17. Spiral binding around both legs from the feet to the thighs. Bandage 0·10 m. wide.

No. 18. Spiral binding around both arms from the hands to the shoulders. Bandage 0·10 m. wide.

No. 19. Pad of fine linen placed between the thighs.

No. 20. Narrow binding around head six times. Bandage 0·15 m. wide.

On examination the chest and stomach of the mummy proved to be much swollen by the packing. Incision on the right side of body. Hands resting on the pudenda. Sex of mummy: male. Approx. age: 55 years. Method of preservation: natron. Hair dark brown. All trace of flesh had disappeared from the skull, although the body was more or less intact.

	m.
Measurements :—Maximum length of head . . .	0·200
From chin to base of trunk . . .	0·605
From base of trunk to knees . . .	0·340
From the knees to the heel . . .	0·440
Width of shoulders . . .	0·380
Width of hips . . .	0·315
Maximum length of foot . . .	0·230
Maximum width of foot . . .	0·070
Right arm—	
From shoulder joint to elbow . . .	0·320
From elbow to wrist joint . . .	0·260
Length of hand from wrist joint . . .	0·192
Left arm—	
From shoulder joint to elbow . . .	0·320
From elbow to wrist joint . . .	0·260
Length of hand from wrist joint . . .	0·190
Skull—	
Maximum length . . .	0·190
Maximum breadth . . .	0·148
Facial angle : 0·76°	

Saitic Coffins.

No. 9. Pls. XLVIII, XLIX.

The most unusual feature of this coffin is the rather heavy wig and flat mask. The wig is painted alternately with black and green lines.

Round the top is the usual coloured headband with lotus flowers. Below the wig are two breasts cut in wood and covered with plaster. Arms crossed on the breast, with outstretched hands. The scenes on the lid are obliterated.

Vignettes on the coffin :—

1. Thoth holding 'Pet' standard before Anubis shrine.
2. Mestha.
3. Duamaufef.
4. Duamaufef.
5. Obliterated.
6. Thoth holding 'Pet' standard before the 'Sacred Eyes.'
7. Hapi.
8. Duamaufef.
9. Qebsennuf.
10. Thoth holding 'Pet' standard.

The designs are painted in green, blue and yellow on a black ground. Length of coffin 1·76 m. From chamber I.

The Mummy. Pl. L.

The mummy lay in the coffin with slightly bent legs. Cloth in a very poor state of preservation.

The bandages :—

No. 1. Five cross-bands at the neck, breast, hips, knees and feet. Bandages 0·10 m. wide.

No. 2. Shroud bound twice around the body. Shroud 4·05 m. by 0·90 m.

No. 3. Five cross-bands at the neck, breast, hips, knees and feet. Bandage 0·10 m. wide.

No. 4. Shroud twice around the body. Shroud 4·00 m. by 0·90 m.

No. 5. Two pads of coarse linen placed against the thighs.

No. 6. Spiral binding from the hips to the feet. Bandage 0·30 m. wide.

No. 7. Spiral binding from the hips to the neck. Bandage 0·30 m. wide.

No. 8. Wide bandage bound around the head five times. Bandage 0·30 m. wide.

No. 9. Wide bandage extending from the small of the back over the head to the knees.

No. 10. Shroud wound twice around the body and kept in place by four cross-bands at the neck, hips, knees and feet.

The removal of shroud No. 10 revealed the mummy, which was in very poor condition. The left foot was missing and a pad of coarse linen had been placed against the ankle bone to preserve the shape of the mummy. Method of preservation: natron. Sex of mummy: female. Approx. age: 25 years.

	m.
Measurements:—Maximum height of head . . .	0.170
From chin to base of trunk . . .	0.590
From base of trunk to the knees . . .	0.317
From the knees to the heel . . .	0.416
Width of shoulders . . .	0.320
Width of hips . . .	0.298
Maximum length of foot . . .	0.208
Maximum width of foot . . .	0.065
Right arm—	
From shoulder joint to elbow . . .	0.310
From elbow to wrist joint . . .	0.260
Length of hand from wrist joint . . .	0.200
Left arm—	
From shoulder joint to elbow . . .	0.310
From elbow to wrist joint . . .	0.260
Length of hand from wrist joint . . .	0.200
Skull—	
Maximum length . . .	0.175
Maximum breadth . . .	0.138
Facial angle: 72°	

No. 73. Pls. LI, LII.

The most unusual features of this coffin are the black wig and lotus headband. The flowers are moulded in plaster and painted.

Framing the face is a second band of green with a white border. The ends of the wig are represented as half covering the breasts, which like the lotus band are modelled in plaster. The arms are crossed on the breast, with outstretched hands, over an elaborate collar which is surmounted by the clasp on the shoulder. Below the collar is depicted the winged goddess Nut.

The scenes on the lid depict the deceased adoring various deities.

On the sides of the coffin are painted the four sons of Horus and the Anubis jackal.

The coffin has been usurped and bears the texts shown in Fig. 9, *a* being written over *b*.

The design has been painted in red, green, black, white and blue on a yellow ground, covered by a thick coating of varnish. The interior of the coffin is unpainted. The lid was held in position by eight pegs. The foot-piece has been broken away and no trace of it was found in the burial chamber. It was probably of the open type, with the feet represented

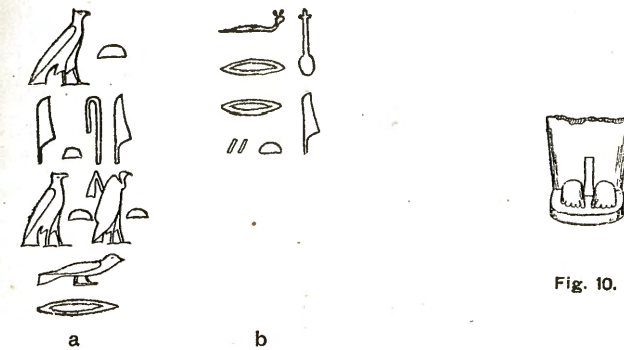


Fig. 9.

Fig. 10.

as protruding from the wrappings (Fig. 10). Length of coffin 1.84 m. From chamber II.

The Mummy. Pl. LIII.

The bandages:—

No. 1. Shroud of coarse cloth, bound by four bandages at the neck, hips, knees and feet. Shroud 3.10 m. by 0.95 m. Bandage 0.33 m. wide.

No. 2. Spiral binding beginning at hips and rising to the head. Bandage 0.33 m. wide.

No. 3. Spiral binding from the hips to the feet. Bandage 0.33 m. wide.

No. 4. Shroud wound around the body three times. Shroud 3.92 m. by 1.80 m. Below this shroud were two pads of fine linen extending from the hips to the ankles.

No. 5. Spiral binding extending from the knees to the neck and down again. Bandage 0.40 m. wide.

No. 6. A piece of cloth wound around the head four times. Size 2.82 m. by 0.40 m.

No. 7. Shroud extending from the back of the knees over the head to the feet. Shroud 4.10 m. by 0.88 m.

No. 8. Shroud bound twice round the body. The narrow ends were fringed. Shroud 2.3 m. by 0.80 m. Fringe 0.14 m. deep.

No. 9. Narrow spiral binding around both arms. Bandage 0.6 m. wide.

No. 10. Bandage wound round the head. Knotted at back of neck. Bandage 0.11 m. wide.

No. 11. Pad under neck.

No. 12. Shroud of fine linen partly destroyed by insects. Shroud 0.87 m. wide.

All further coverings had been reduced to a fine brown powder. The body, which had been preserved by the natron process, was reduced to a complete skeleton. No trace of the flesh remained. Fragments of brown plaited hair adhered to the head bandage No. 10 and to the pad under the neck. Sex of mummy: female. Approx. age of mummy: 30 years.

	m.
Measurements:—Maximum height of head . . .	0.188
From the chin to base of trunk . . .	0.650
From base of trunk to the knees . . .	0.321
From the knees to the heel . . .	0.418
Width of shoulders . . .	0.375
Width of hips . . .	0.320
Maximum length of foot . . .	0.211
Maximum width of foot . . .	0.068
Right arm—	
From shoulder joint to elbow . . .	0.310
From elbow to wrist joint . . .	0.262
Length of hand from wrist joint . . .	0.202
Left arm—	
From shoulder joint to elbow . . .	0.310
From elbow to wrist joint . . .	0.261
Length of hand from wrist joint . . .	0.201
Skull—	
Maximum length . . .	0.186
Maximum breadth . . .	0.140
Facial angle: 80°	

No. 7. Pls. LIV, LV.

This coffin has a black wig and coloured headband. Ear studs are represented on each side of the mask by moulded plaster. At the base of the wig the breasts are represented in the same manner. Below the breasts is painted the winged goddess Nut framed by a rather wide collar. The arms are crossed on the breast with outstretched fingers. Scenes on the lid represent the deceased adoring various gods, and on the sides of the coffin are the four sons of Horus. The feet have been broken off and we found no trace of them in the burial chambers. Lid held in position by eight pegs. On raising the lid of this coffin we found a second lid resting on the mummy (Pl. LVI). The lid has a blue wig with the usual coloured headband. Ear studs of plaster on both sides of the face. Below the ends of the wig the breasts are painted to represent rosettes. Between them is a winged scarab holding the disk of the sun. The arms are crossed on the breast with outstretched hands. A single line of inscription runs down the centre of the lid. Size of coffin 1.80 m. long. From chamber II.

The design in both cases has been done in blue, black, red, white and green, on a yellow ground. The coffin has been covered with a thick coating of varnish.

The Mummy. Pl. LVII.

The bandages:—

No. 1. Shroud of coarse linen, bound by four bandages at the neck, knees and feet. Shroud 3 m. by 1.28 m.

No. 2. Spiral binding from the hips to the feet. Bandage 0.33 m. wide.

No. 3. Spiral binding from the hips to the head. Bandage 0.33 m. wide.

No. 4. Wide bandage bound around the head four times. Bandage 0.25 m. wide.

No. 5. Four bandages around the neck, hips, knees and feet.

No. 6. Shroud bound around the body three times. Shroud 3.80 m. by 1.75 m.

No. 7. Two pads of coarse linen against the thighs.

No. 8. Wide bandage bound around the head three times. Bandage 0.30 m. wide.

No. 9. Spiral binding extending from the knees to the neck and down again. Bandage 0.22 m. wide.

No. 10. Shroud of fine linen wound around the body three times. Partly destroyed by insects. Shroud 3.95 m. by 1.80 m.

All further wrappings had been reduced to a brown powder. The body, which had been preserved by the natron process, was reduced to a skeleton. Sex of mummy: female. Approx. age: 50 years.

	m.
Measurements:—Maximum height of head . . .	0.182
From the chin to base of trunk . . .	0.590
From base of trunk to knees . . .	0.318
From the knees to the heel . . .	0.408
Width of shoulders . . .	0.350
Width of hips . . .	0.321
Maximum length of foot . . .	0.209
Maximum width of foot . . .	0.070
Right arm—	
From shoulder joint to elbow . . .	0.295
From elbow to wrist joint . . .	0.240
Length of hand to wrist joint . . .	0.185
Left arm—	
From shoulder joint to elbow . . .	0.294
From elbow to wrist joint . . .	0.240
Length of hand from wrist joint . . .	0.183
Skull—	
Maximum length . . .	0.178
Maximum breadth . . .	0.141
Facial angle: 69°	

No. I. Pls. LVIII, LIX.

This coffin was found at the bottom of the shaft, whither it had been dragged from the burial chambers by the ancient plunderers. The wig is painted blue with the usual coloured headband. Arms crossed on the breast with outstretched fingers. Below the collar is depicted the pectoral and sacred eyes with the winged goddess Nut. All the texts on the lid have been obliterated. Scenes on the sides of the coffin depict the four sons of Horus, etc. The designs are painted in four colours on a yellow ground. Lid held in position by eight pegs. Length of coffin 1.87 m. From bottom of shaft.

The Mummy. Pls. LVIII b, LXI.

On removing the lid we found the body lying in a crouched-up position in the coffin. The knees were bent up, pressing against the lid, the right limb higher than the left (Fig. 11). The body was surrounded by wreaths of flowers (Pl. LX). There was no trace of mummification of any description, and the body was reduced to a skeleton. It had been wrapped in two shrouds of fine linen, but we could find no trace of binding. A scarab



Fig. 11.



Fig. 12.
Scale 1:1.

was tied to the third finger of the right hand (Fig. 12). Sex of mummy: female. Approx. age: 40 years.

	m.
Measurements:—Maximum height of head . . .	0.197
From chin to base of trunk . . .	0.652
From base of trunk to knees . . .	0.318
From the knees to the heel . . .	0.418
Width of shoulders . . .	0.350
Width of hips . . .	0.318
Maximum length of foot . . .	0.200
Maximum width of foot . . .	0.065
Right arm—	
From shoulder joint to elbow . . .	0.312
From elbow joint to wrist joint . . .	0.260
Length of hand from wrist joint . . .	0.195

Measurements :—Left arm—	m.
From shoulder joint to elbow .	0.312
From elbow joint to wrist joint .	0.260
Length of hand from wrist joint .	0.195
Skull—	
Maximum length . . .	0.179
Maximum breadth . . .	0.134
Facial angle : 83°	

No. 4. Pl. LXII.

This coffin bears no inscription or design of any description. The whole of it has been covered with a thin coating of white plaster, and the eyes have been painted in, in black. On the sides of the mask ear studs are represented in raised plaster. The breasts are depicted in the same fashion. Arms crossed on the breast with outstretched fingers. Size of coffin 1.28 m. long. From chamber I.

The Mummy. Pl. LXIII.

On raising the lid of the coffin the mummy was found lying partly on its side with bent-up knees, in a similar position to the body in coffin No. 1. Two wreaths of flowers lay against the right shoulder.

The bandages :—

No. 1. Spiral binding beginning at the foot and rising to the head. Coarse linen. Bandage 0.17 m. wide.

No. 2. Shroud bound around the body three times. Shroud 3.25 m. by 1.60 m.

No. 3. Four cross-bands at the neck, hips, knees and feet. Bandage 0.07 m. wide.

No. 4. Spiral binding commencing at the feet and rising to the head. Bandage 0.11 m. wide.

No. 5. Bandage bound around the head eight times. Bandage 0.170 m. wide.

No. 6. Shroud extending from the heels over the head to the feet. One end is fringed. Shroud 3.10 m. by 1.00 m. Length of fringe 0.16 m.

No. 7. Shroud bound around the body four times. Shroud 4.40 m. by 1.52 m.

The body had been reduced to a skeleton ; no trace of the method of preservation remained. The arms rest in a vertical position. Sex of mummy : female. Approx. age : 40 years.

Measurements :—	m.
Maximum height of head . . .	0.185
From chin to base of trunk . . .	0.610
From base of trunk to knees . . .	0.310
From knees to the heel . . .	0.411
Width of shoulders . . .	0.362
Width of hips . . .	0.318
Maximum length of foot . . .	0.212
Maximum width of foot . . .	0.066
Right arm—	
From shoulder joint to elbow . . .	0.305
From elbow joint to wrist joint . . .	0.260
Length of hand from wrist joint . . .	0.202
Left arm—	
From shoulder joint to elbow . . .	0.305
From elbow joint to wrist joint . . .	0.260
Length of hand from wrist joint . . .	0.201
Skull—	
Maximum length . . .	0.180
Maximum breadth . . .	0.142
Facial angle : 86°	

No. 2. Pls. LXIV, LXV.

This coffin has a black wig and coloured headband. The arms are crossed on the breast with clenched hands. Below the arms is represented the usual pectoral and figure of the goddess Nut. Scenes on the lid represent the deceased adoring various deities. On the sides of the coffin are depicted the four sons of Horus, etc. The designs are painted in blue, black, green, red and white on a yellow ground. The lid is held in position by eight pegs. Size of coffin 1.77 m. long. From chamber I.

The Mummy. Pl. LXVI.

The bandages :—

No. 1. Four cross-bands at the neck, hips, knees and feet. Bandage 0.06 m. wide.

No. 2. Shroud of coarse linen bound twice around the body. Shroud 1.85 m. by 1.60 m.

No. 3. Spiral binding from the neck to the feet. Bandage 0.09 m. wide.

No. 4. Wide bandage bound around the head four times. Bandage 0.22 m. wide.

No. 5. Shroud bound four times around the body. Shroud 4.20 m. by 1.60 m.

No. 6. Spiral binding from the hips to the feet. Bandage 0.10 m. wide.

No. 7. Spiral binding from the hips to the neck. Bandage 0.10 m. wide.

No. 8. Four cross-bands at the neck, hips, knees and feet. Bandage 0.10 m. wide.

No. 9. Shroud bound twice around the body. Shroud 2.15 m. by 1.60 m.

No. 10. Two pads of coarse linen placed against the thighs.

No. 11. Pad of coarse linen packed between the knees.

No. 12. Each leg separately bound, beginning at the foot. Bandage 0.10 m. wide.

No. 13. Both arms separately bound, beginning at the hand. They were placed against the side of the body, the hands pressing against the thighs. Bandage 0.10 m. wide. Legs bound together at the knees and ankles.

No. 14. Wide bandage wound around the head four times and knotted under the chin. Bandage 0.27 m. wide.

The mummy, which had been preserved by the natron process, was in a very poor state of preservation. Little trace of flesh remained on the skull. Sex of mummy: male. Approx. age: 40 years.

	m.
Measurements:—Maximum height of head . . .	0.210
From chin to base of trunk . . .	0.650
From base of trunk to knees . . .	0.312
From knees to the feet . . .	0.411
Width of shoulders . . .	0.389
Width of hips . . .	0.312
Length of foot . . .	0.230
Width of foot . . .	0.078

Right arm—

From shoulder joint to elbow . . .	0.330
From elbow joint to wrist . . .	0.281
Length of hand from wrist joint . . .	0.210

Measurements:—Left arm—	m.
From shoulder joint to elbow . . .	0.329
From elbow joint to wrist . . .	0.281
Length of hand from wrist joint . . .	0.210
Skull—	
Maximum length . . .	0.191
Maximum breadth . . .	0.140
Facial angle: 83°	

No. 71. Pl. LXVII b.

Inner lid of a coffin. The wig is painted blue with the usual lotus flower and headband. At the side of the mask are ear studs, represented by raised plaster. The breasts are fashioned in the same manner. The arms are crossed on the breast with outstretched fingers. Below them is painted a figure of the winged goddess Nut followed by a single line of inscription. This is bordered by two red bands which are represented as falling from the waist. The designs are painted in red, blue, green, yellow and black on a white ground. Size 1.70 m. long. From chamber I.

No. 65. Pl. LXVII c.

Lid of anthropoid coffin. Mask painted red, wig and body painted black. Traces of inscription in yellow. Size 1.80 m. From chamber II.

No. 5. Pls. LXVII a, LXVIII.

Lid of anthropoid coffin. The wig is painted blue with a coloured headband and lotus flowers. On each side of the mask are two ear studs of moulded plaster. Small breasts are depicted below the two ends of the wig. Hands crossed on the breast with outstretched fingers. Below the arms is painted a scarab pectoral, to the right and left of which are scenes showing the deceased adoring Osiris. Below this design is the winged goddess Nut. Vignettes:—

1. Deceased adoring Osiris.
2. Deceased adoring Osiris.
3. Deceased adoring Duamautef.
4. Deceased adoring Hapi.
5. Deceased before a shrine to Horus.
6. Deceased before a shrine to Khnum.
7. Figure of a mourning woman.
8. Figure of a mourning woman.

The designs are painted in red, green, blue and white on a yellow ground. Size 1.75 m. long. From chamber I.

No. 3. Pl. LXIX a.

Inner lid of an anthropoid coffin. Wig painted blue with lotus flower and headband. A small beard is attached to the chin. The arms are crossed on the breast with clenched hands. Below the arms is the goddess Nut followed by a single line of inscription. The designs are painted in red, yellow, blue and green on a red ground. The whole is covered with a thin coating of varnish. Size 1.68 m. long. From chamber I.

No. 45. Pl. LXX.

Inner lid of an anthropoid coffin. It is divided into two parts at the waist, the lower portion being cut in fretwork. The wig is striped alternately blue and yellow. Arms crossed on the breast with clenched hands holding the 'Tet.' Below is the winged goddess Nut followed by a vertical line of inscription. Vignettes:—

1. Deceased adoring Osiris.
2. Deceased adoring Osiris.
3. Duamautef and Qebsennuf.
4. Mestha and Qebsennuf.
5. Thoth.
6. Thoth.

The designs are painted in red, blue, green and black on a yellow ground. The whole lid has been covered with a thick coating of varnish. 1.70 m. long. From chamber II.

No. 72. Pl. LXIX b.

Left side of an anthropoid coffin. Vignettes:—

1. Thoth holding the symbol of the West before an Anubis shrine.
2. Mestha before an altar of offerings.
3. Hapi before an altar of offerings.
4. Qebsennuf before an altar of offerings.
5. Duamautef before an altar of offerings.
6. Tet amulet.

The scenes are painted in red, blue, green and black on a yellow ground. Length 1.80 m. From chamber II.

The mummies described in the following pages were found without coffins, all of which had been broken up by the plunderers.

No. 70. Pl. LXXI.

The bandages:—

No. 1. Cross-bands at the neck, breast, hips, knees and feet. Bandage 0.09 m. wide.

No. 2. Shroud of course linen bound around the body twice. Shroud 3.00 m. by 0.87 m.

No. 3. Spiral binding from the knees to the neck. Bandage 0.27 m. wide.

No. 4. Narrow binding around the head. Bandage 0.35 m. wide.

No. 5. Cross-bands at the neck, hips, knees and feet. Bandage 0.15 m. wide.

No. 6. Shroud bound around the body four times. Shroud 4.50 m. by 0.85 m.

No. 7. Cross-bands at neck, hips, knees and feet. Bandage 0.15 m. wide.

No. 8. Shroud bound twice around the body. Shroud 2.50 m. by 0.85 m.

No. 9. Pad placed between the thighs.

No. 10. Legs bound separately. Spiral binding from the feet to the hips. Bandage 0.20 m. wide.

No. 11. Arms bound separately. Spiral binding from the shoulders to the hands.

The mummy was in a fair state of preservation. The arms in a vertical position with hands pressed against the thighs. Method of preservation: natron. Sex of mummy: female. Approx. age: 40 years.

	m.
Measurements:—Maximum height of head	0.185
From the chin to base of trunk	0.610
From base of trunk to the knees	0.290
From the knees to the feet	0.301
Width of shoulders	0.320
Width of hips	0.260
Length of foot	0.190
Width of foot	0.068
Right arm—	
From shoulder joint to elbow	0.302
From elbow to wrist joint	0.260
Length of hand from wrist joint	0.185

Measurements :—Left arm—	m.
From shoulder joint to elbow . . .	0.302
From elbow to wrist joint . . .	0.262
Length of hand from wrist joint . . .	0.185
Skull—	
Maximum length . . .	0.175
Maximum breadth . . .	0.131
Facial angle : 85°	

No. 67. Pl. LXXII.

The bandages :—

No. 1. Cross-bands at neck, hips, knees and feet. Bandage 0.10 m. wide.

No. 2. Shroud bound twice around the body. Shroud 3.10 m. by 0.83 m.

No. 3. Spiral binding from the feet to the head. Bandage 0.23 m. wide.

No. 4. Cross-bands at neck, hips, knees and feet. Bandage 0.10 m. wide.

No. 5. Shroud of coarse linen bound around the body three times. Shroud 3.98 m. by 0.85 m.

The mummy appears to have been broken at the waist and supported

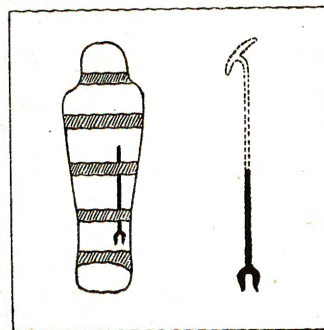


Fig. 13.

by the lower half of a 'Uas' staff which we found inserted underneath the cross-bands (Fig. 13).

No. 6. Cross-bands at neck, breast, hips, knees and feet. Bandage 0.07 m. wide.

No. 7. Shroud bound twice around the body. Poor condition. Shroud 2.91 m. by 0.85 m.

No. 8. Narrow strip of linen bound around the head five times and knotted under the chin. Bandage 0.38 m. wide.

All further wrappings had been reduced to a fine brown powder. No trace of flesh remained on the body. The arms were in a vertical position with the hands laid against the thighs. Method of preservation : natron. Sex of mummy : female. Approx. age : 45 years.

Measurements :—	m.
Maximum height of head . . .	0.192
From chin to base of trunk . . .	0.621
From base of trunk to knees . . .	0.293
From the knees to the feet . . .	0.390
Width of shoulders . . .	0.342
Width of hips . . .	0.270
Length of foot . . .	0.187
Width of foot . . .	0.071
Right arm—	
From shoulder joint to elbow . . .	0.300
From elbow to wrist joint . . .	0.261
Length of hand from wrist joint . . .	0.184
Left arm—	
From shoulder joint to elbow . . .	0.300
From elbow to wrist joint . . .	0.261
Length of hand from wrist joint . . .	0.184
Skull—	
Maximum length . . .	0.180
Maximum breadth . . .	0.139
Facial angle : 75°	

The Plundered Mummies.

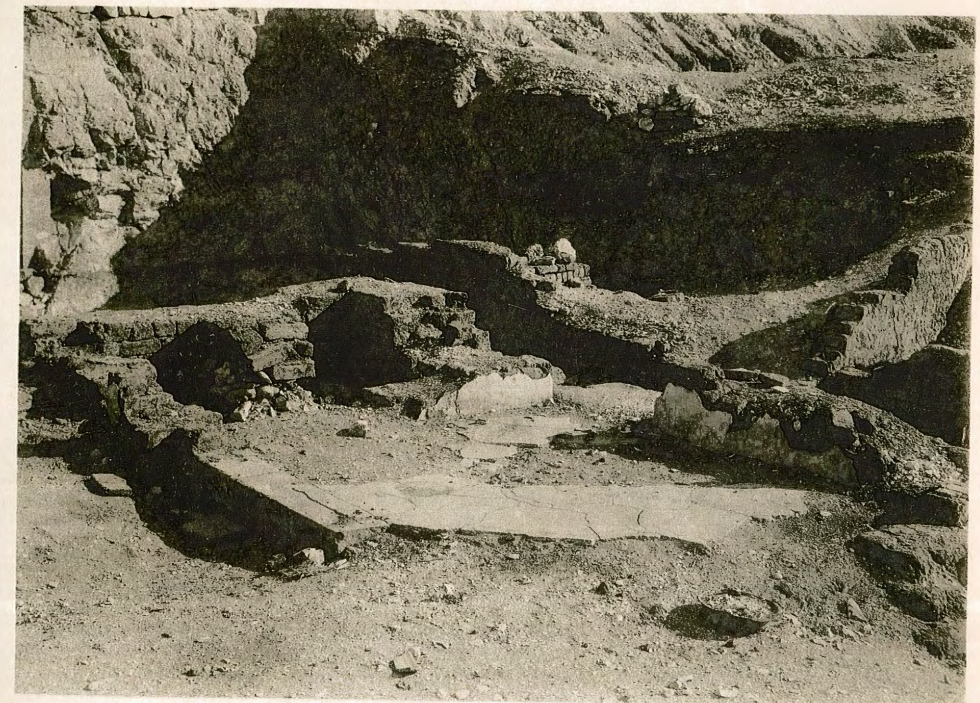
We did not attempt to make a detailed examination of the plundered mummies from chambers I and II, as their condition was such that no information could be gained on the method of wrapping, etc. The crania were collected and measured, and we publish them as examples of the period.

No. 202. Pl. LXXIII.	m.
Maximum length . . .	0.188
Maximum breadth . . .	0.141
Facial angle : 78°	

No. 64. Pl. LXXIV.	m.
Maximum length	0.175
Maximum breadth	0.131
Facial angle : 75°	
No. 12. Pl. LXXV.	
Maximum length	0.168
Maximum breadth	0.120
Facial angle : 78°	
No. 10. Pl. LXXVI.	
Maximum length	0.178
Maximum breadth	0.140
Facial angle : 83°	
No. 80. Pl. LXXVII.	
Maximum length	0.176
Maximum breadth	0.133
Facial angle : 80°	
No. 56. Pl. LXXVIII.	
Maximum length	0.175
Maximum breadth	0.130
Facial angle : 81°	
No. 192. Pl. LXXIX.	
Maximum length	0.181
Maximum breadth	0.140
Facial angle : 80°	
No. 183. Pl. LXXX.	
Maximum length	0.178
Maximum breadth	0.138
Facial angle : 76°	



a



b

(a) GENERAL VIEW OF THE COPTIC CHURCH.
(b) THE SANCTUARY.



a



b

(a) BOWL OF A LIMESTONE FONT. (Scale $\frac{1}{2}$)

(b) EXCAVATION OF THE COURT OF AMENEMHĀT.



RAISING THE COFFINS TO THE SURFACE.



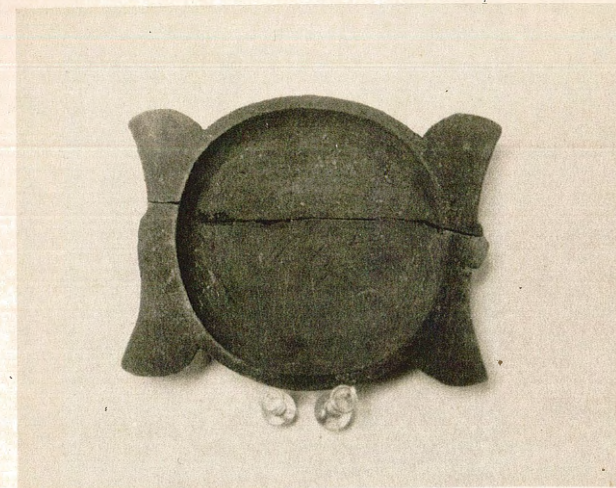
a



b

(a) SIFTING THE DEBRIS.

(b) THE MOUTH OF THE BURIAL SHAFT.



a



b

(a) WOODEN OINTMENT BOWL.

(b) TOP OF A WHIP HANDLE.

(Scale $\frac{1}{2}$.)



a



b

(a) LIMESTONE FIGURINE. (Scale $\frac{1}{2}$.)

(b) WOODEN DUMMY VASES. (Scale c. $\frac{1}{2}$.)



a



b

(a) BLUE FAIENCE TET AMULET.

(b) CLAY TABLETS.

(Scale c. $\frac{1}{2}$.)



a



b

(a) ALABASTER FLASK.

(b) BLACK BASALT VASE.

(Scale $\frac{1}{2}$.)



a



b

POTTERY FROM THE FIRST BURIAL. (Scale just over $\frac{1}{2}$.)

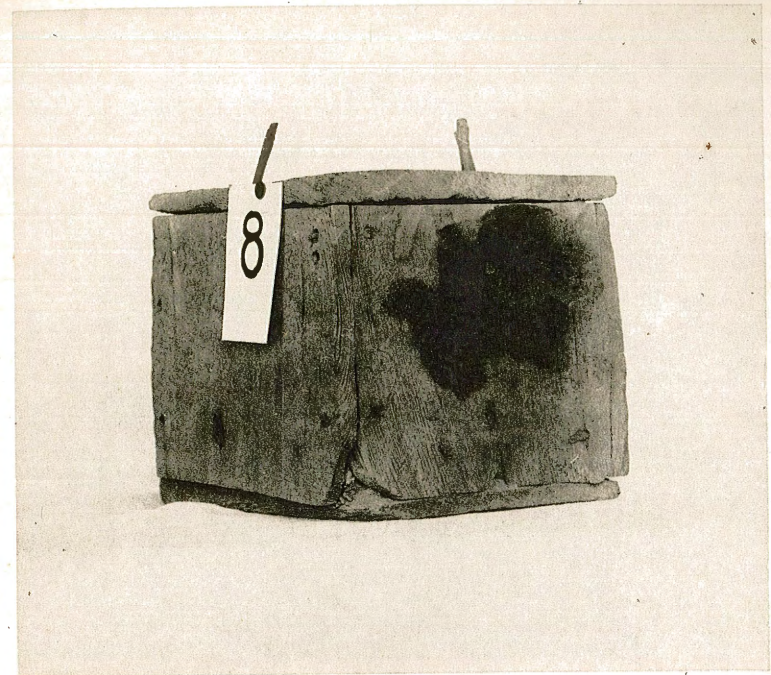


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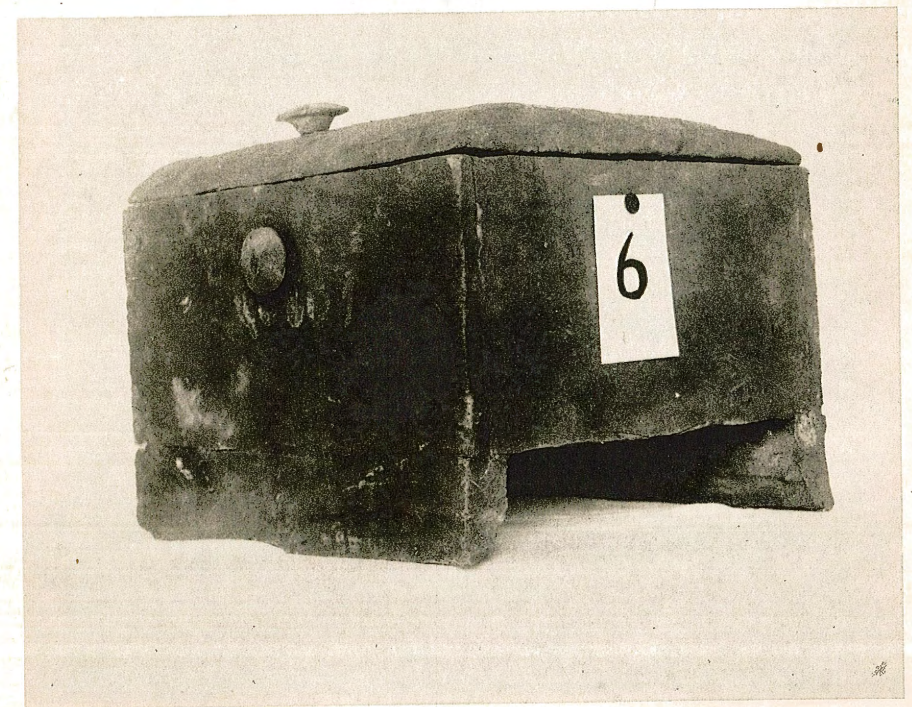


b

WOODEN CANOPIC JARS. (Scale about $\frac{1}{2}$.)



a

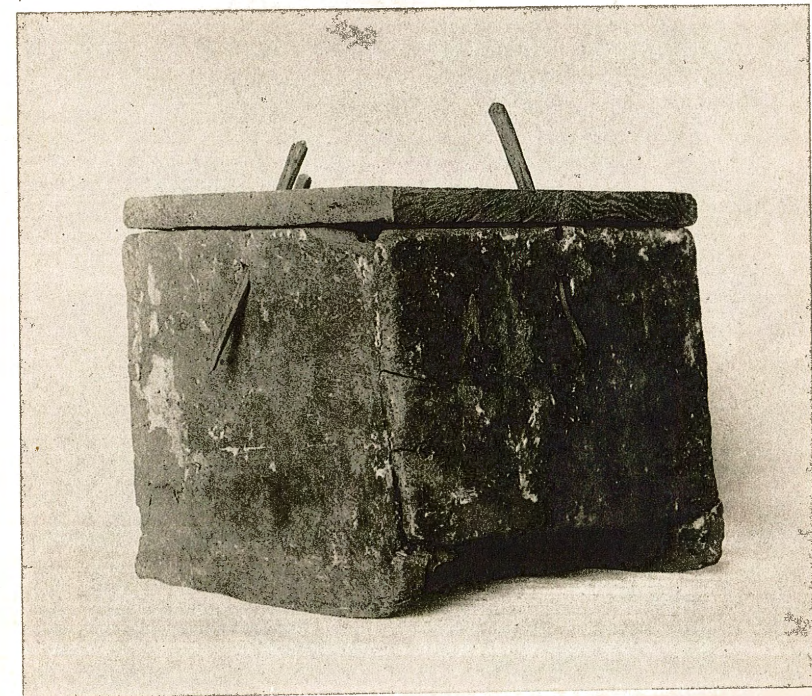


b

WOODEN BOXES.



a



b

WOODEN BOXES.



a



b



c

- (a) REED SANDALS. (Scale $\frac{1}{2}$.)
(b) PAINTED WOODEN FIGURINE. (Scale about $\frac{1}{2}$.)
(c) POTTERY. (Scale $\frac{1}{10}$.)

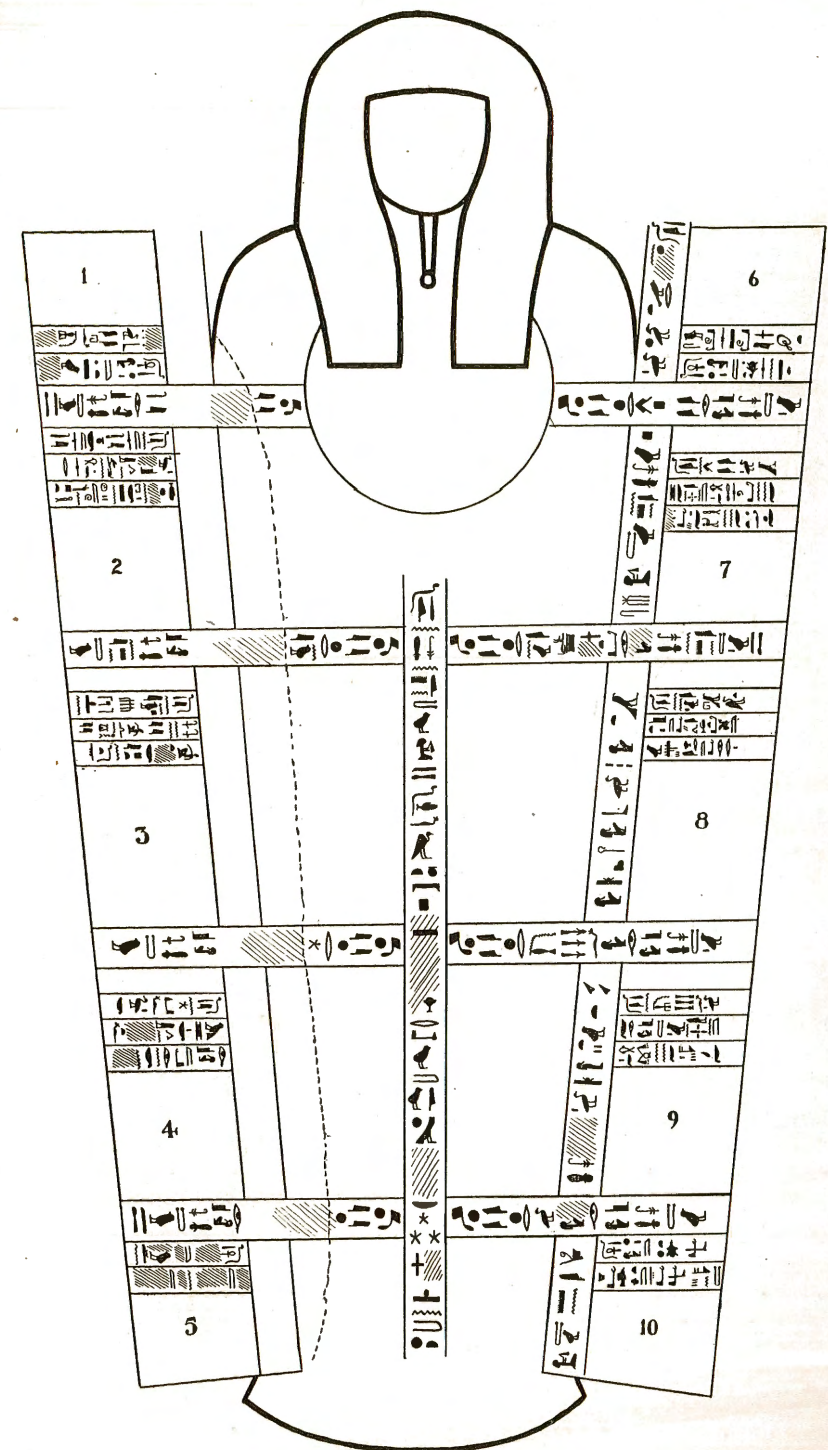


a



b

Coffin, No. 62.



COFFIN, No. 62.



a



b

MUMMY, No. 62. STAGES IN THE UNWRAPPING.



a

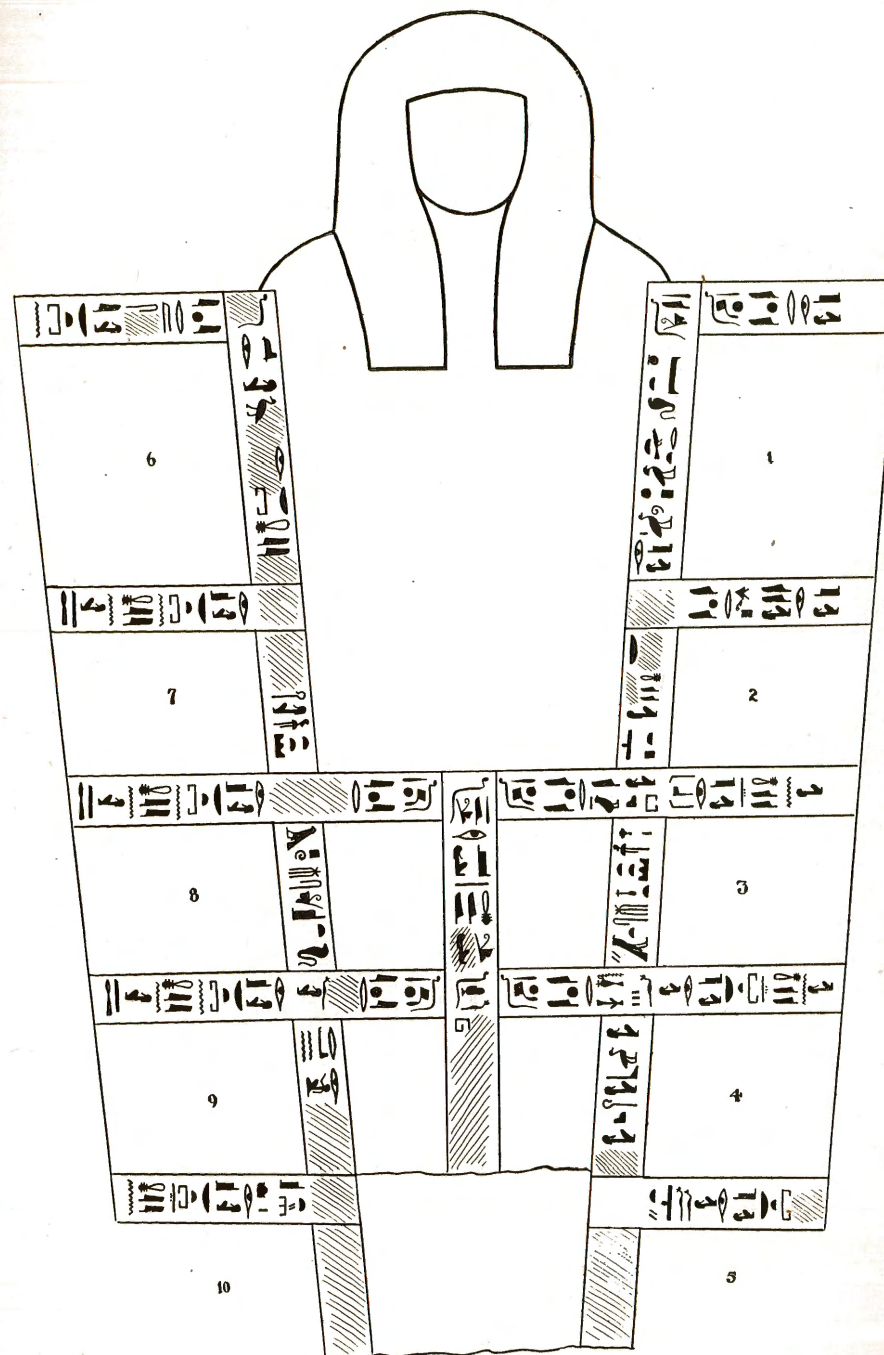


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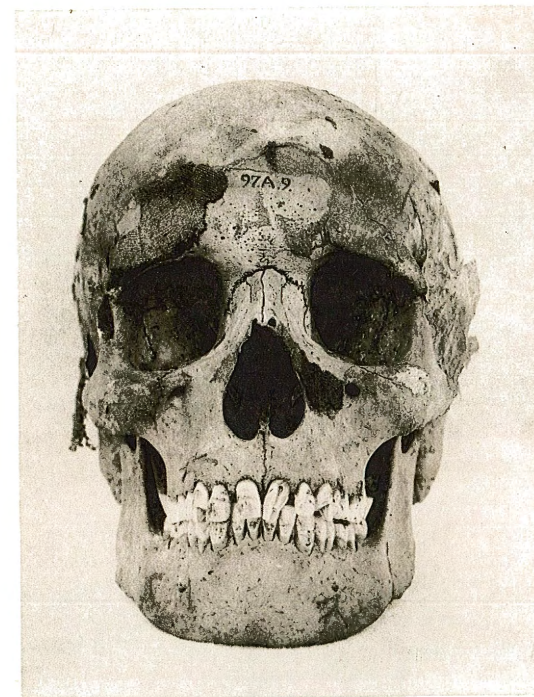
MUMMY, No. 62. STAGES IN THE UNWRAPPING.



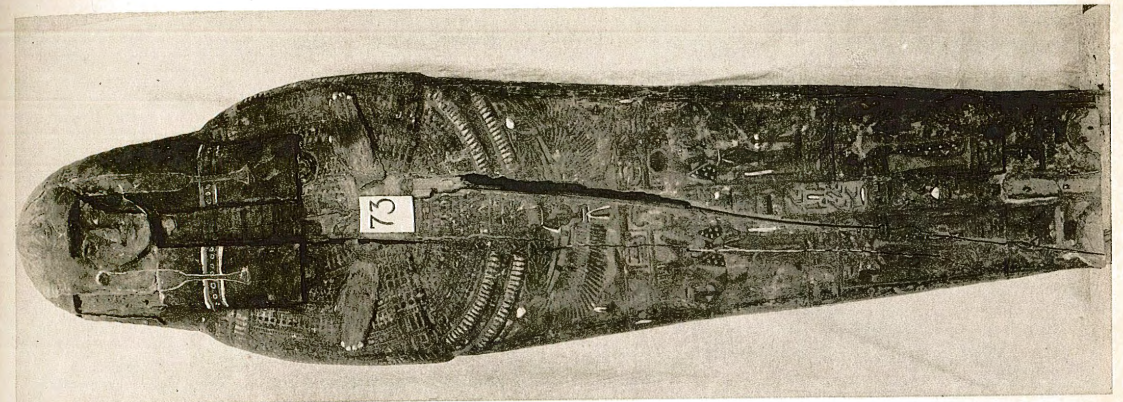
COFFIN, No. 9.



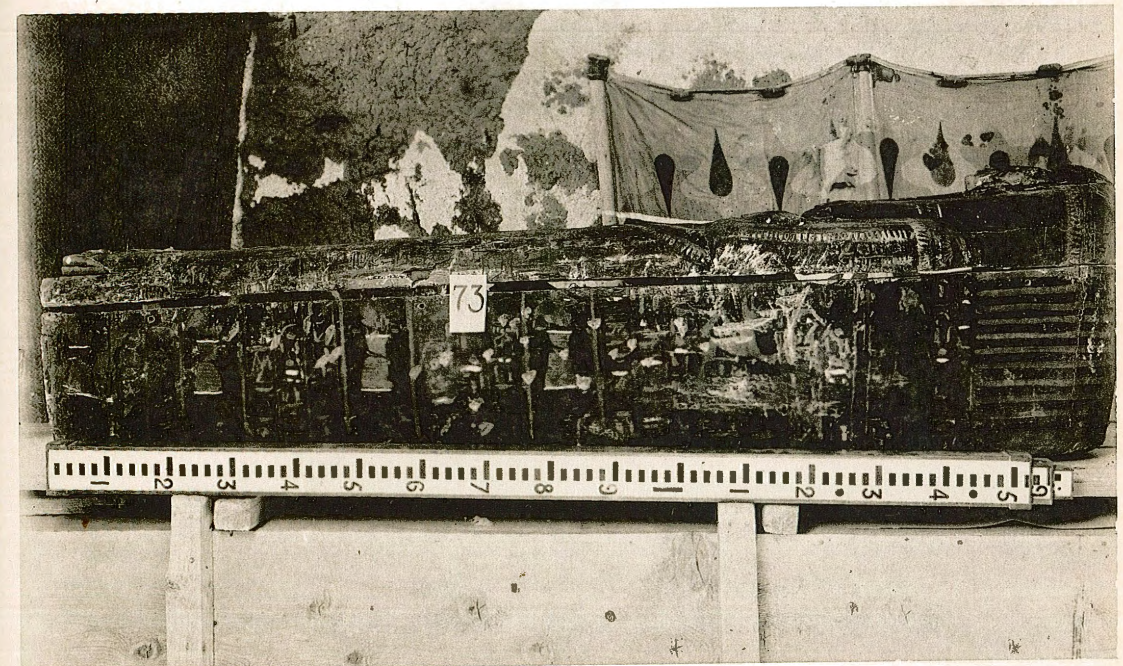
COFFIN, No. 9.



THE SKULL OF MUMMY No. 9.

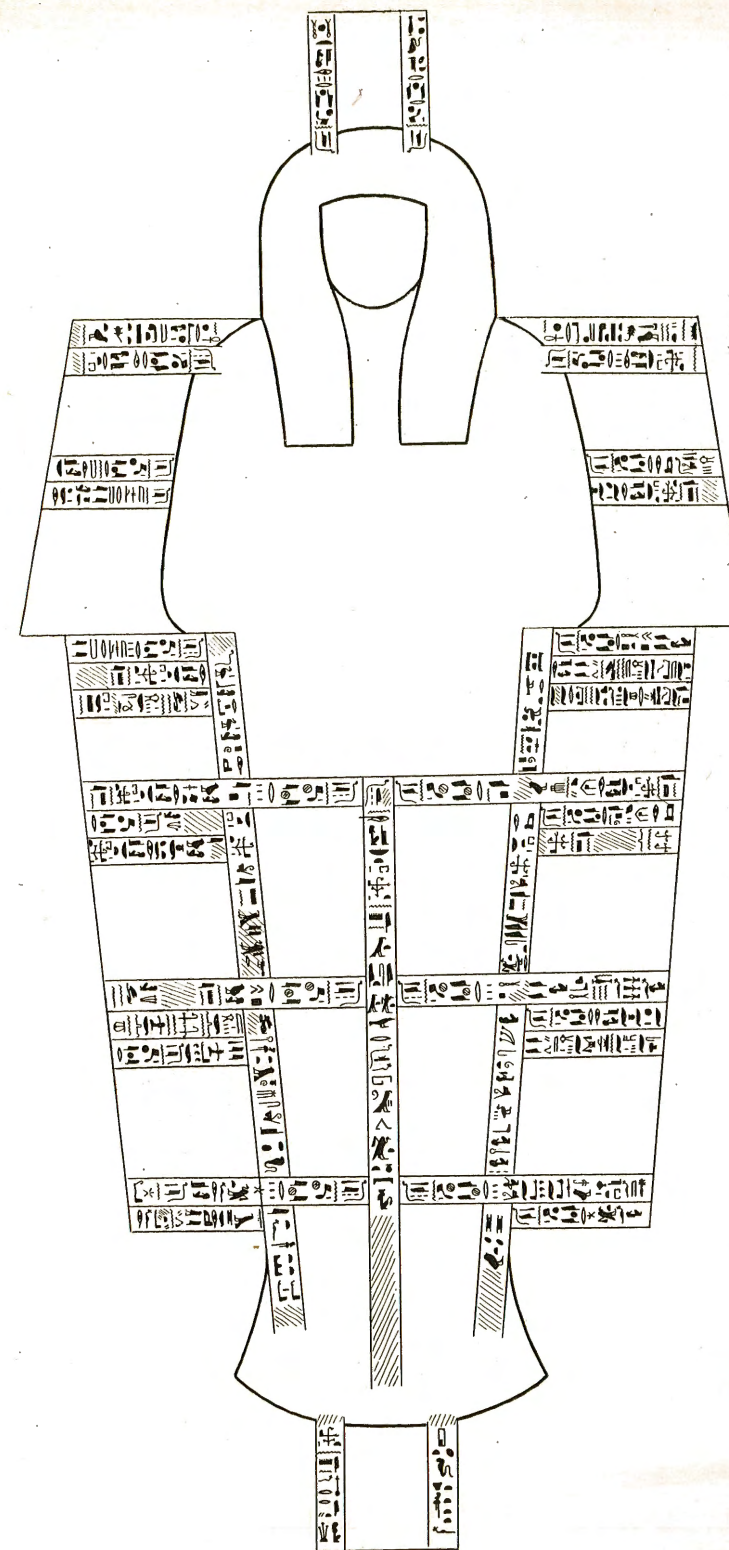


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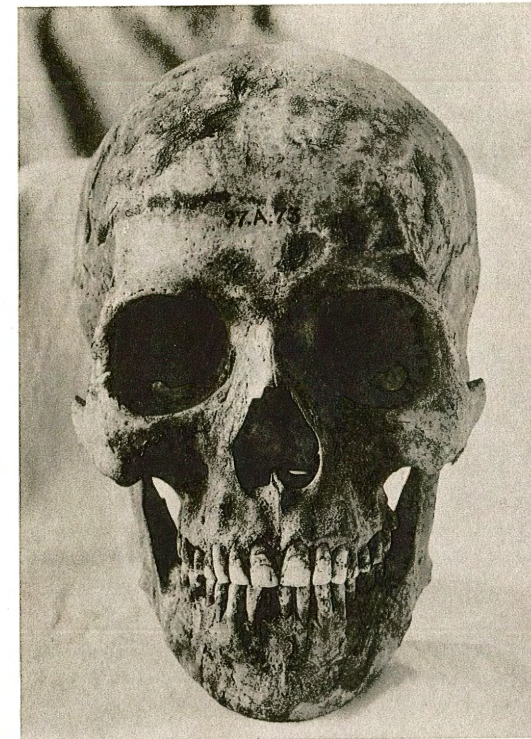


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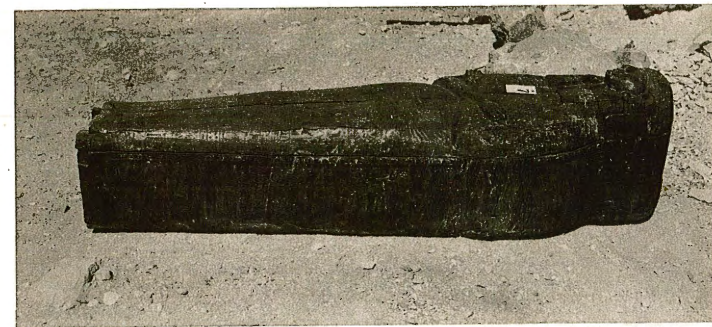
COFFIN No. 73.



COFFIN, No. 73.



SKULL OF MUMMY NO. 78.



a

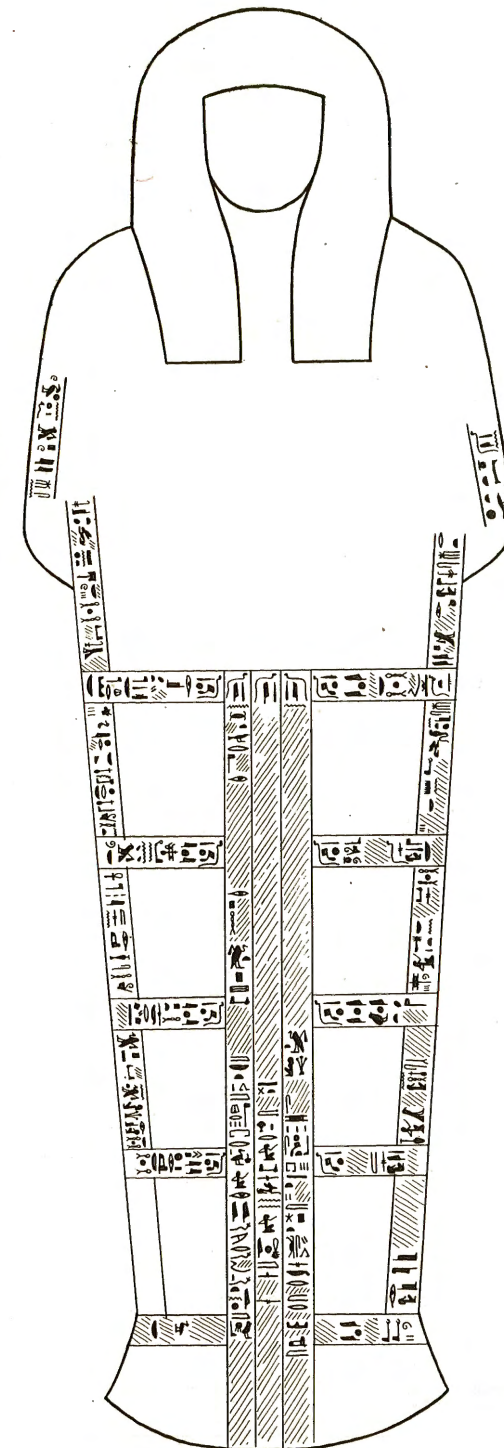


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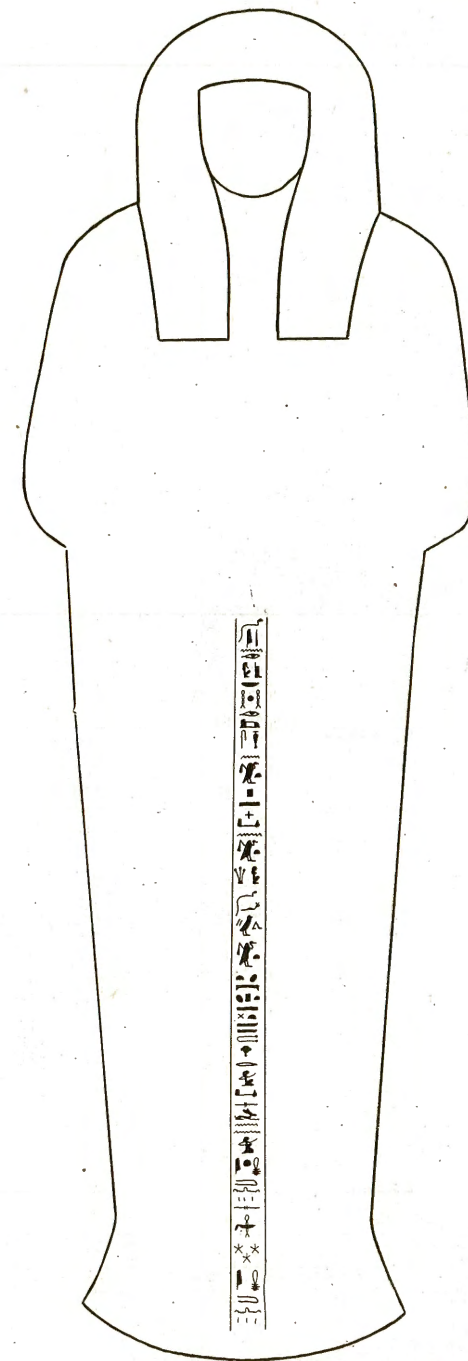


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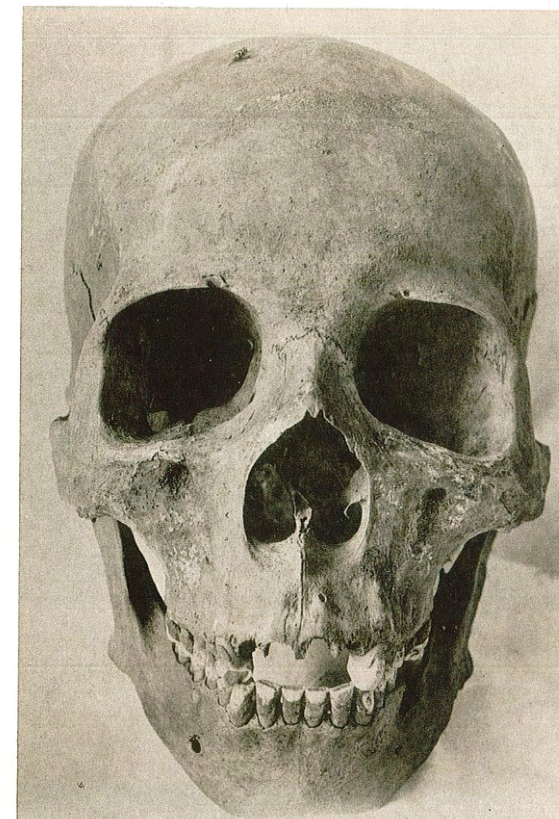
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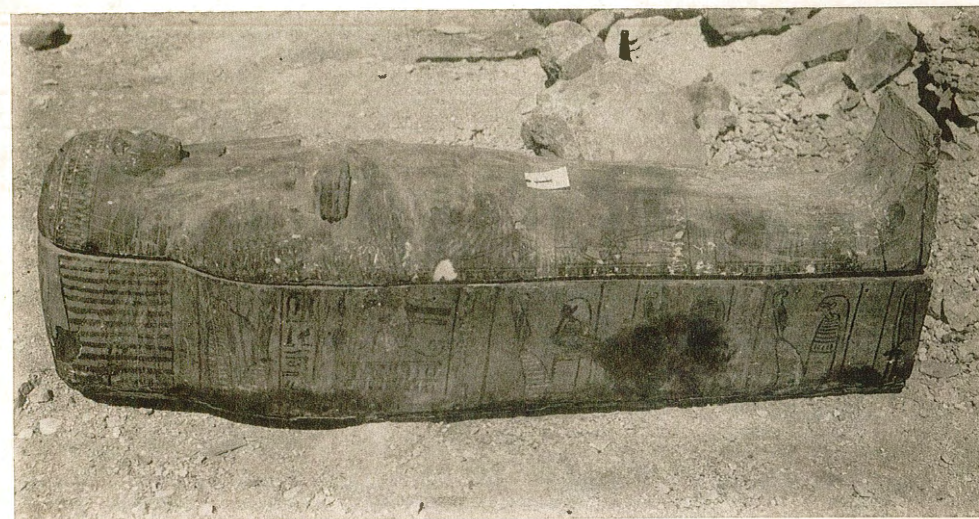
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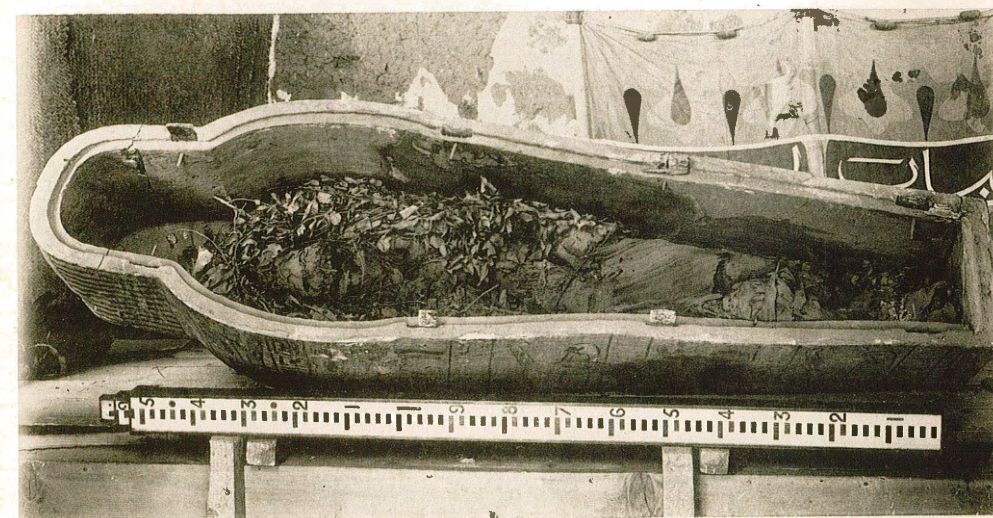
INNER LID, No. 7.



SKULL OF MUMMY No. 7.

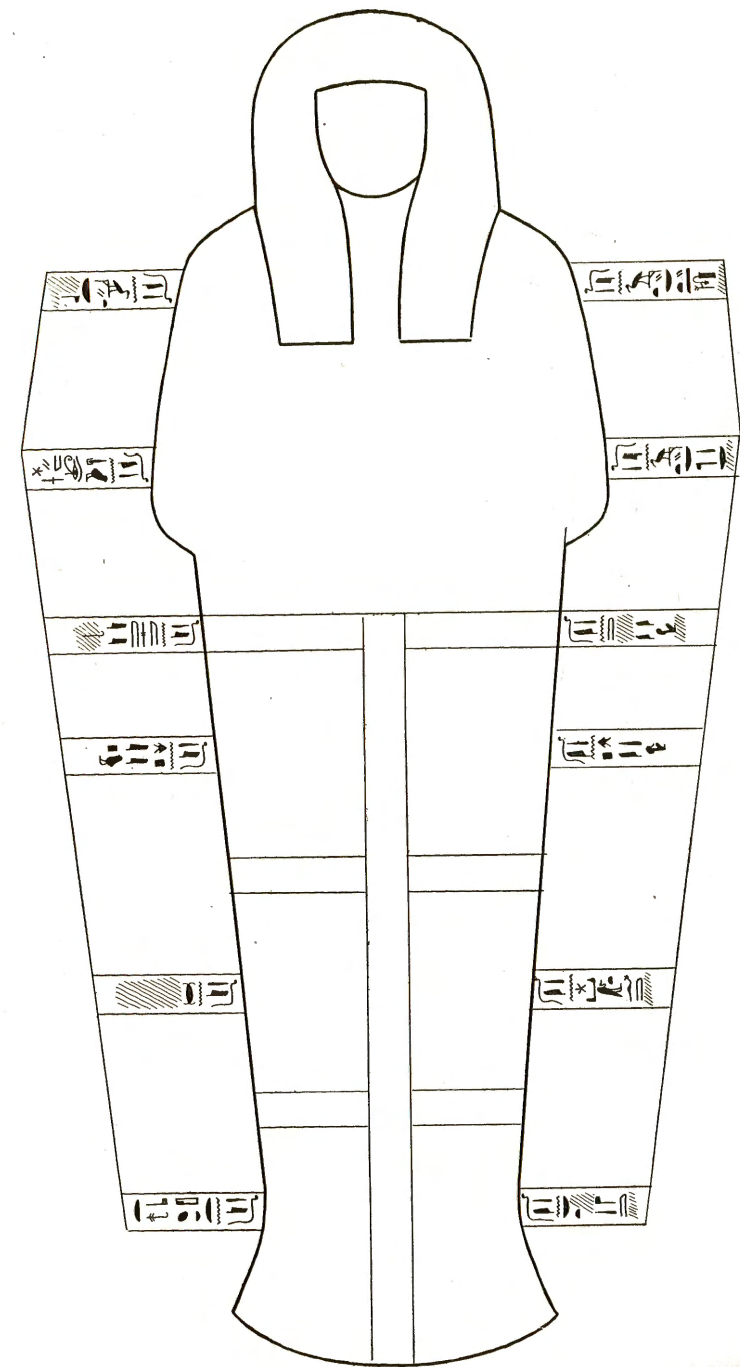


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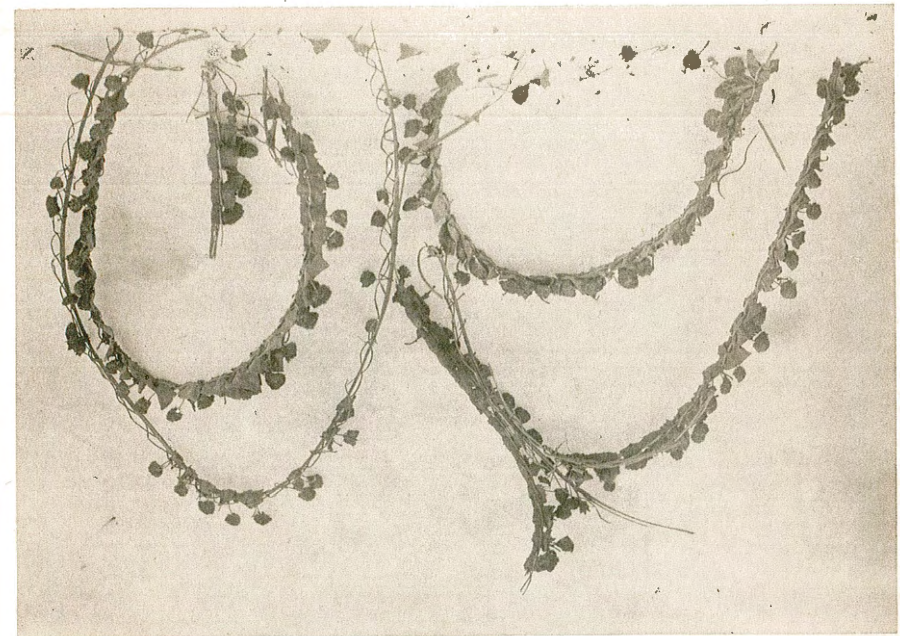


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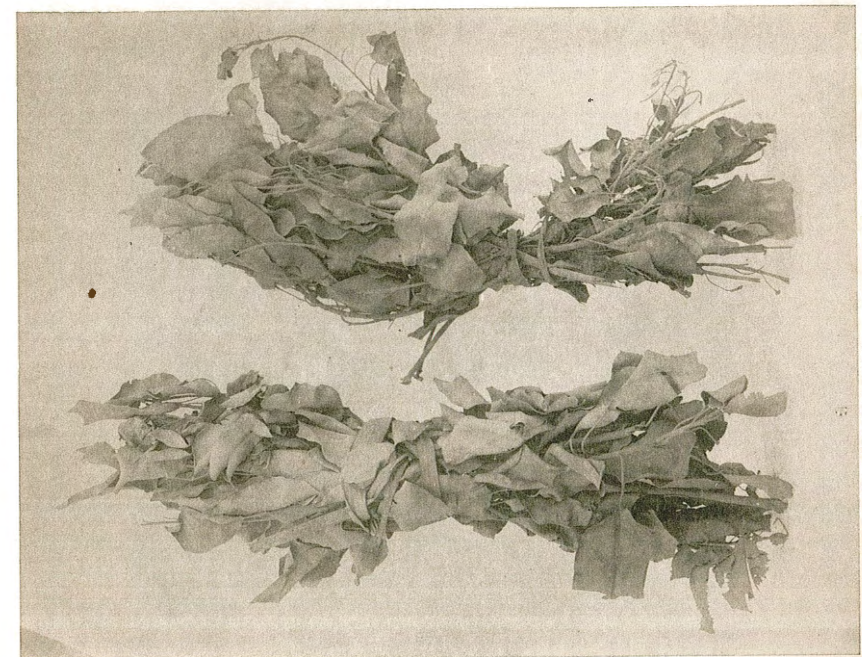
COFFIN No. 1.



COFFIN, No. 1.

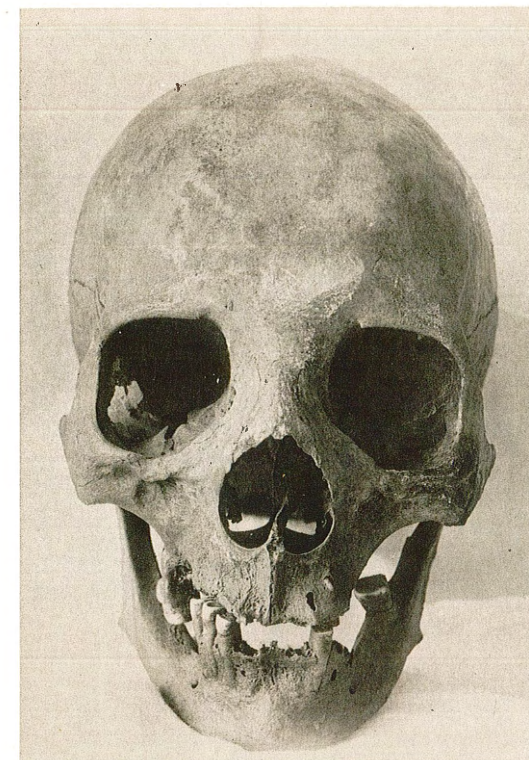


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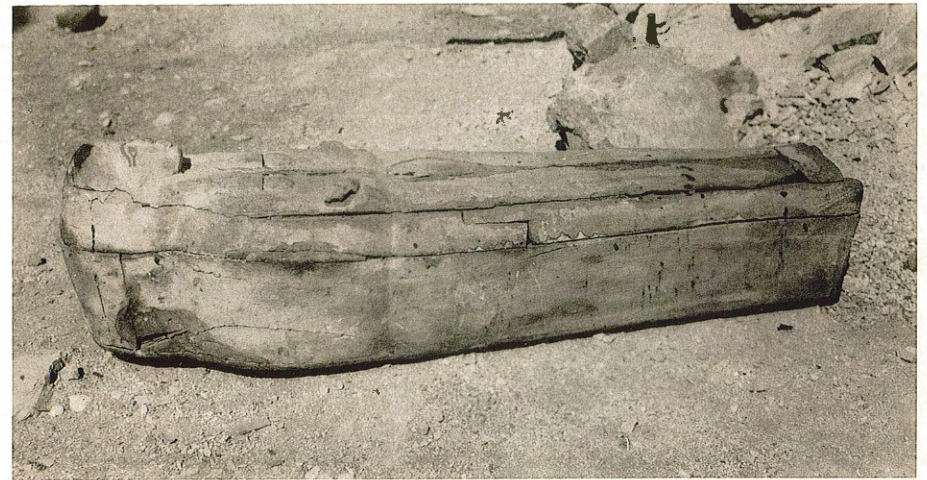


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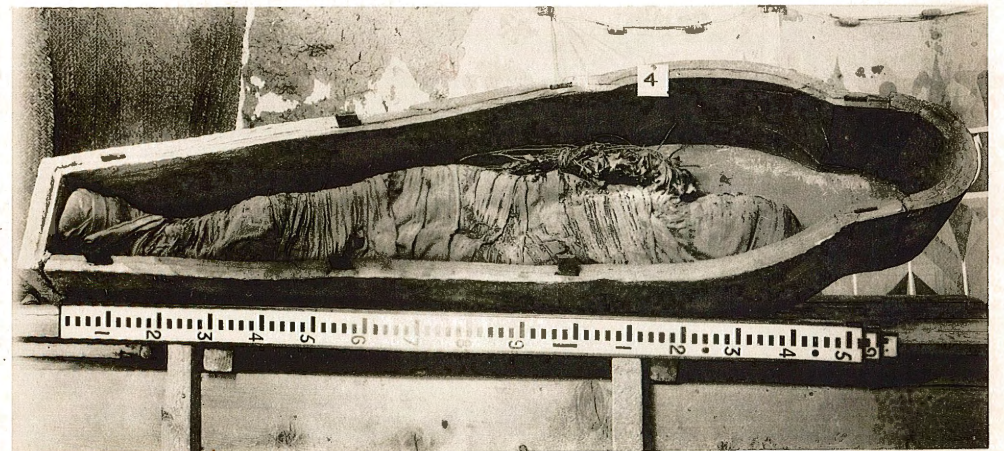
WREATHS OF FLOWERS FROM MUMMY No. 1.



SKULL OF MUMMY No. 1.

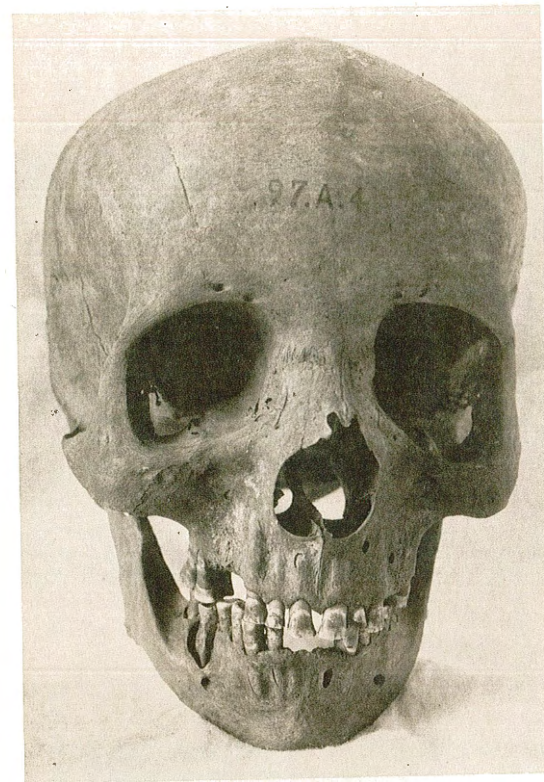


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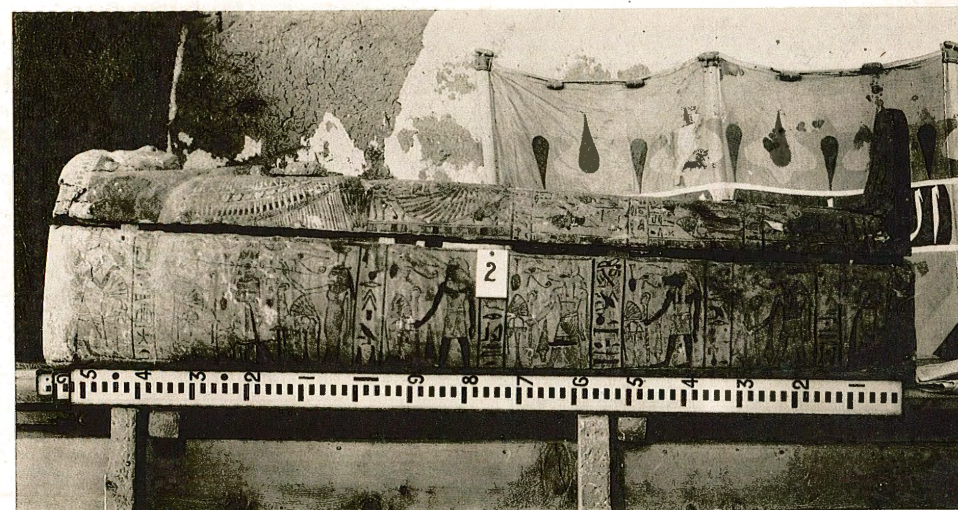
COFFIN AND MUMMY No. 4.



SKULL OF MUMMY NO. 4.

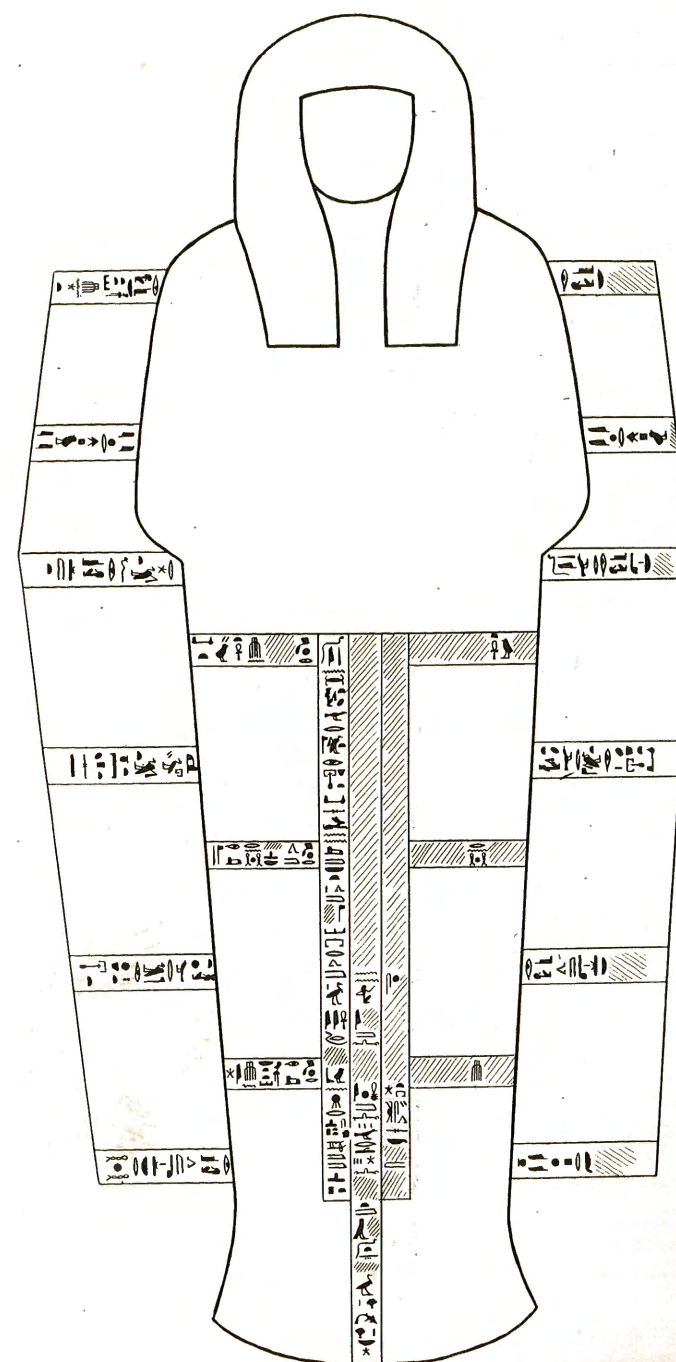


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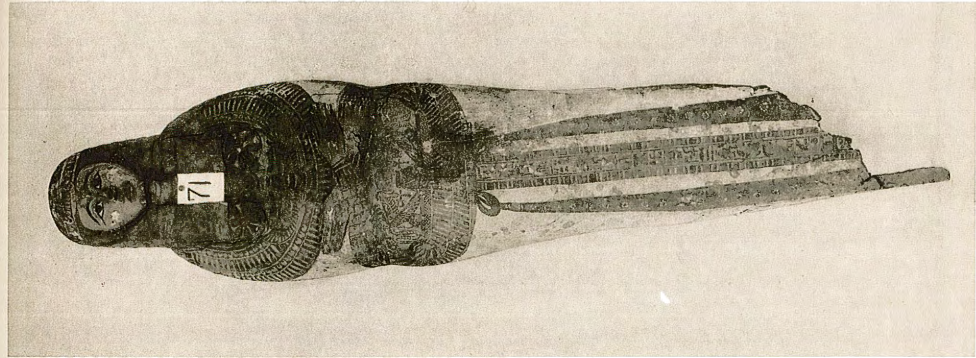
COFFIN No. 2.



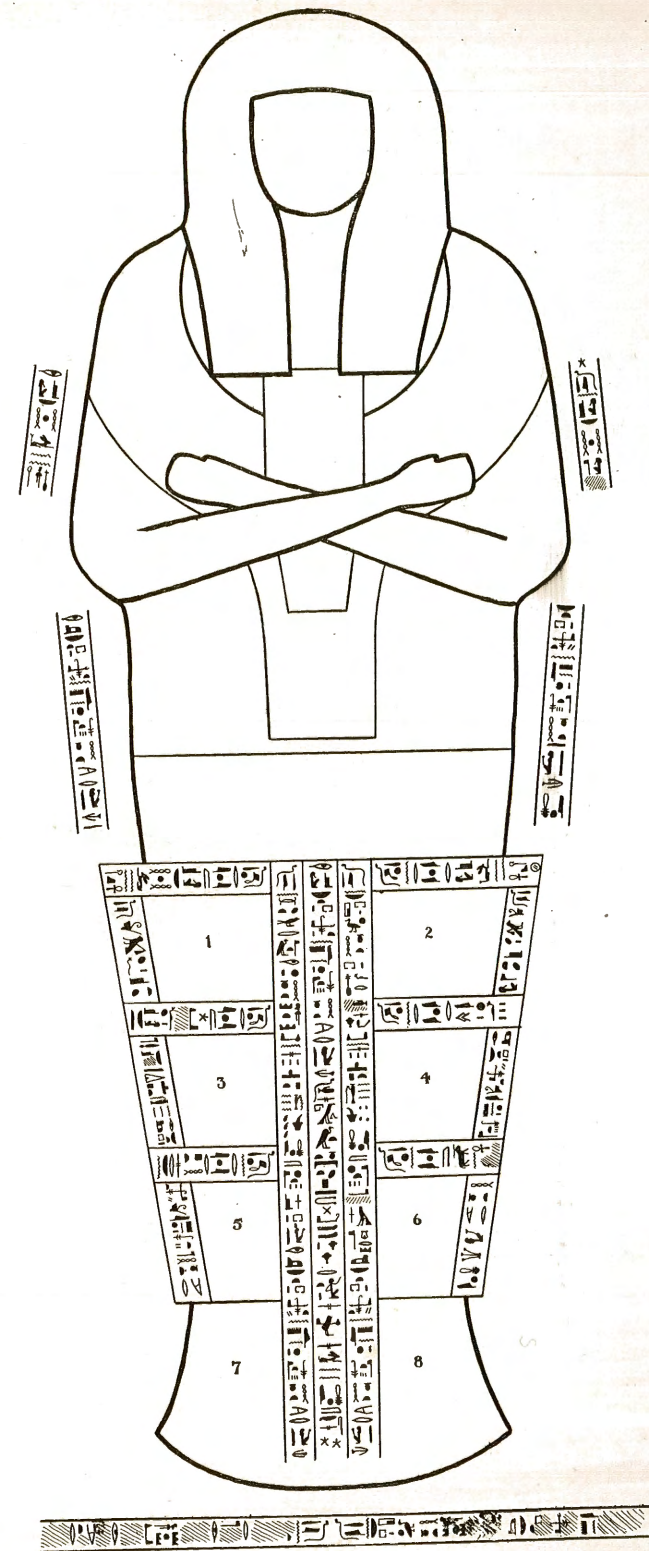
COFFIN, No. 2.



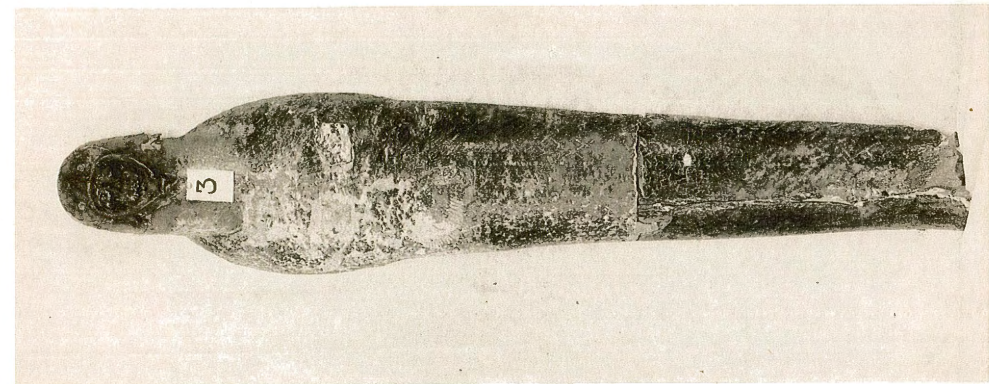
SKULL OF MUMMY NO. 2.



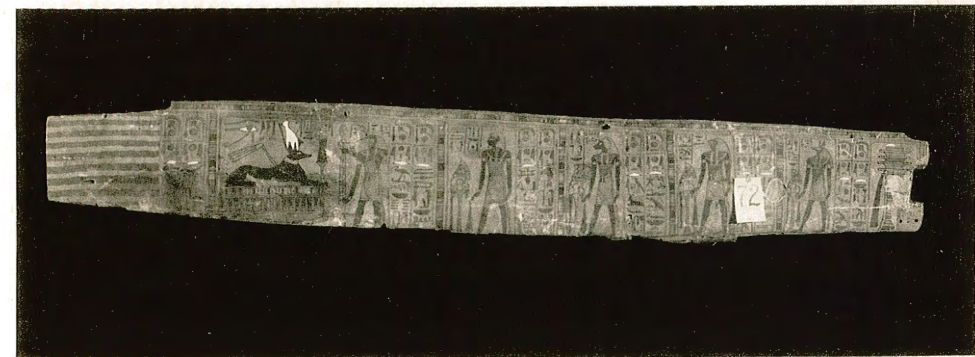
COFFINS Nos. 5, 71, 65.



COFFIN, No. 5.



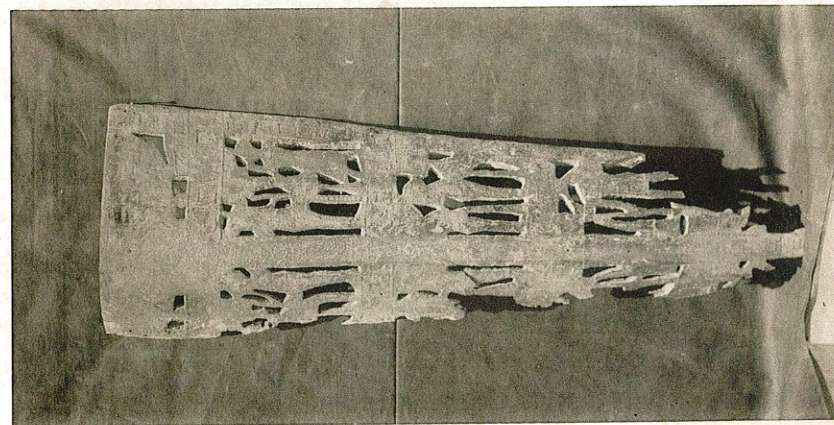
a



b

(a) INNER COFFIN LID, No. 8.

(b) FRAGMENT OF A COFFIN, No. 72.



a

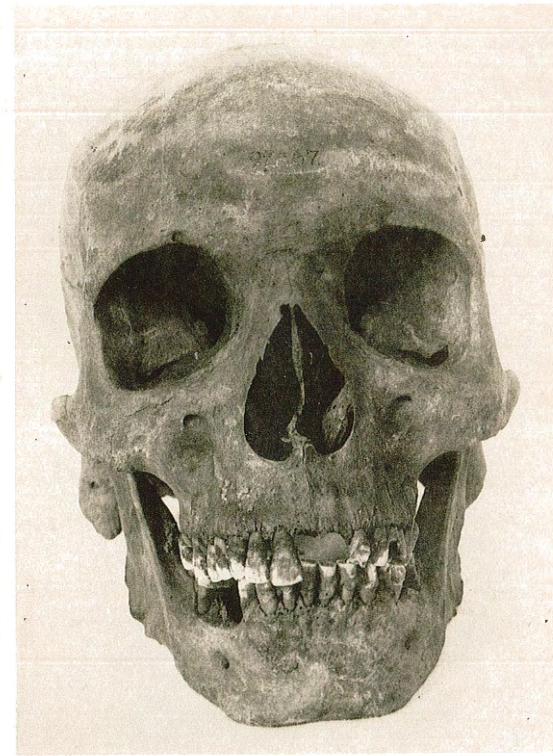


b

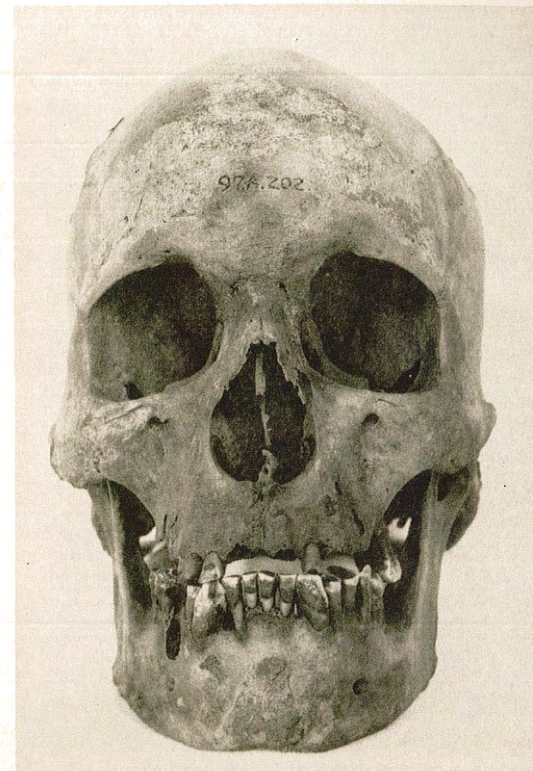
INNER LID OF COFFIN NO. 45, THE LOWER HALF (a) IN FRETWORK.



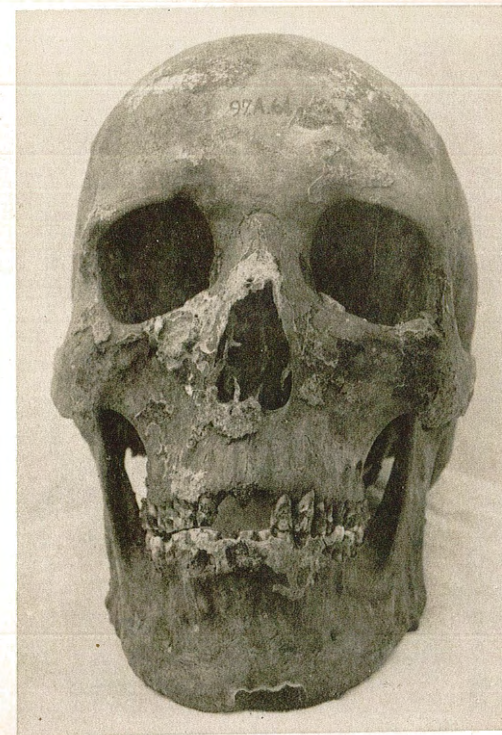
SKULL OF MUMMY No. 70.



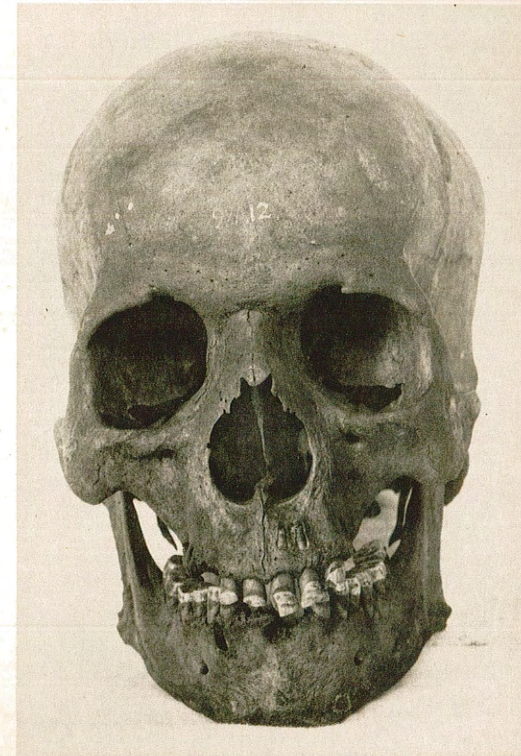
SKULL OF MUMMY No. 67.



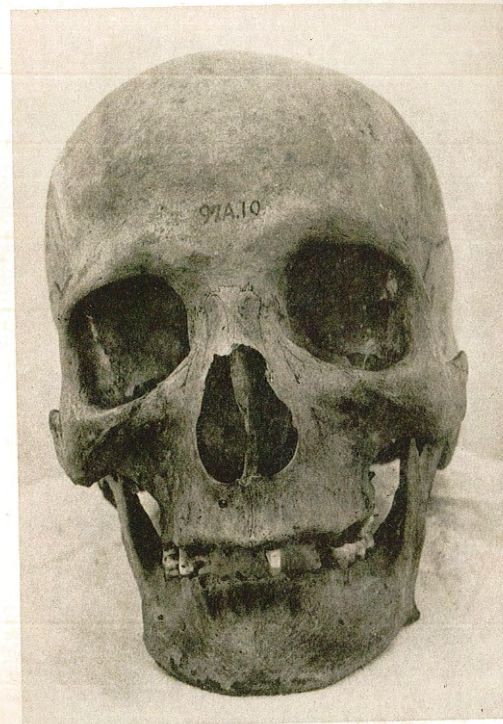
SKULL No. 202.



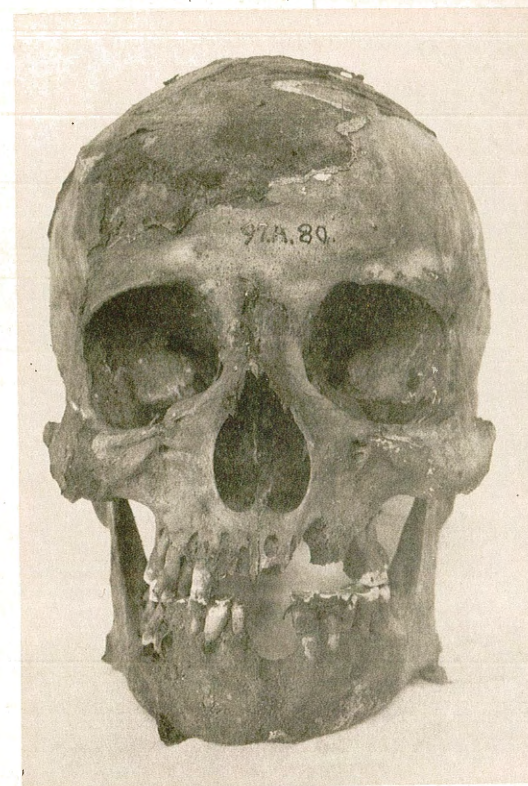
SKULL No. 64.



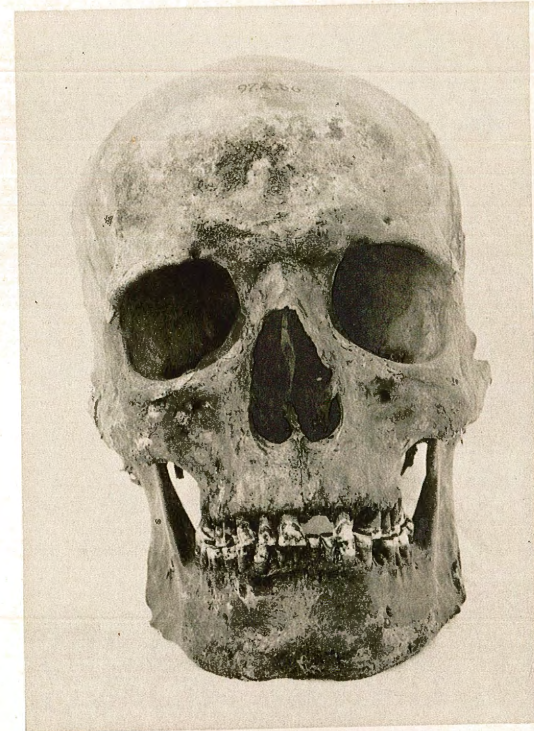
SKULL No. 12.



SKULL No. 10.



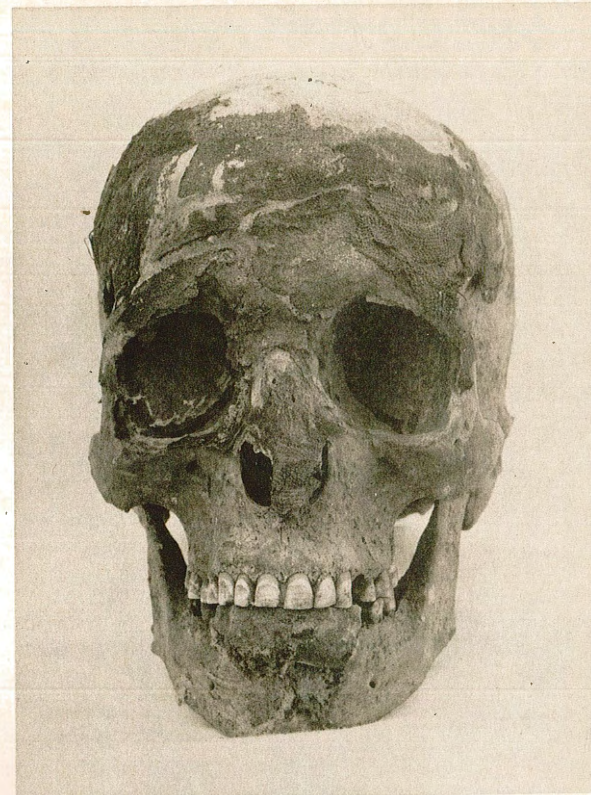
SKULL No. 80.



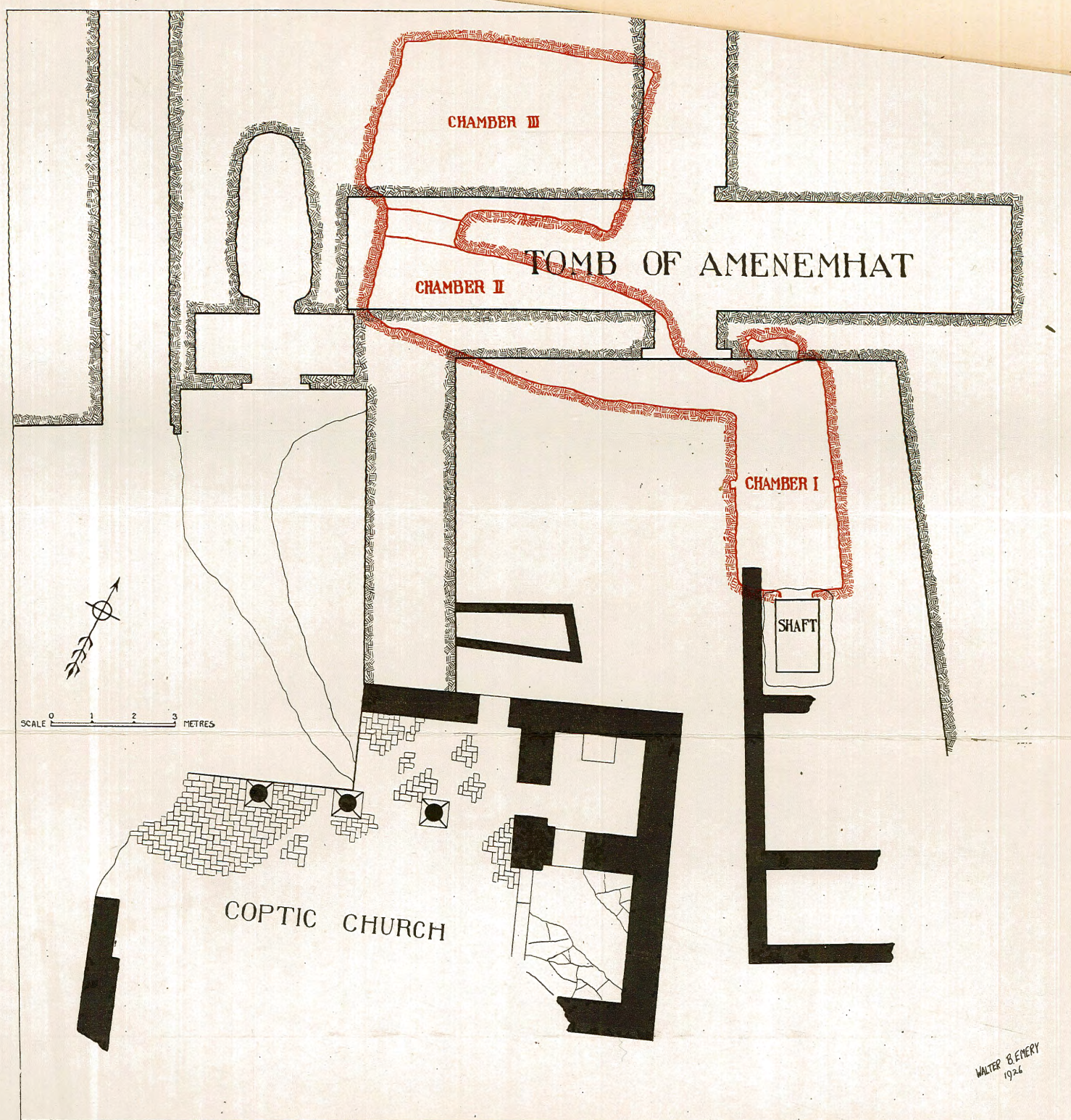
SKULL No. 56.



SKULL No. 192.



SKULL No. 183.



PLAN OF COPTIC CHURCH AND COURT OF AMENEMHAT.